

(भारत सरकार) GOVERNMENT OF INDIA
(रेल मंत्रालय) MINISTRY OF RAILWAYS
(रेलवे बोर्ड) (RAILWAY BOARD)

No.99/RS(IC)/165/SRC pt.1

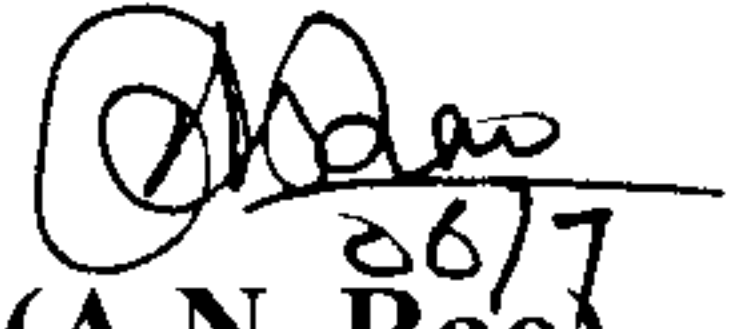
New Delhi, dated 06.07.2015

The General Manager, All Indian Railways & PUs including NF(C).
The General Manager, CORE, Allahabad.
The General Manager, Metro Railway, Kolkata.
The Director General, RDSO, Lucknow & Railway Staff College, Vadodara.
The MD, RITES, RITES Bhavan, Sector-29, Gurgaon.
The MD, KRCL, Belapur Bhavan, 4th Floor, Sector-11, CBD, Belapur, Navi Mumbai.
The MD, MRVC, 2nd Floor, Church Gate station Building, Mumbai.
The MD, CRIS, Chanakyapuri, New Delhi.
CAO/Workshop Projects organisation, 1st Floor, Chamber Bhawan, J.C. Road, Patna -800001.
CAO/DMW, Patiala and COFMOW, New Delhi.
CAO/MTP, NBCC Place, Bhishma Pitamah Marg, Pragati Vihar, New Delhi.
CAO/MTP, Mumbai and Chennai.

Sub: Safety/vital items with Unified PL numbers.

The list of Safety items was first compiled in the year 1970 which was further reviewed in 1986 & 2000. The list of safety items was last reviewed, revised and issued on 06.03.2012. Subsequently, it was noticed that some items included in the list were vital items and not Safety items. Considering that there are differential purchase powers for safety item, it was decided that this issue be addressed at the time of next revision. Accordingly, RDSO was requested to segregate the items included in the list into Safety and Vital items. They had furnished the list indicating whether an item is a Safety item or Vital item and the same has been approved by the concerned Dtes. in Board's office. Besides above, attempt has been made to capture additional details including Unified PL No., drawing and descriptions for all the items proposed to be included in the revised Safety/vital items list. Safety items are those items whose unavailability or malfunctioning affects safe train operations whereas Vital items are those items whose unavailability or malfunctioning affects train operations.

The list of safety/vital items with description, specification, drawing number and PL Nos. has been finalised and available on SMDMS and railnet address 10.1.10.21/Stores.


(A.N. Rao)
Dy. Director RS(IC)
Railway Board

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Copy to:

1. FA&CAOs, All Indian Railways & Production Units.
2. PCEs, CMEs, CEEs, CSTE, COMs, CCMs, CSOs/All Indian Railways & Production Units.
3. The ADAI(Railways), New Delhi (with 10 spares copies)
4. The Director of Audit, All Indian Railways.


06/7
(A.N. Rao)

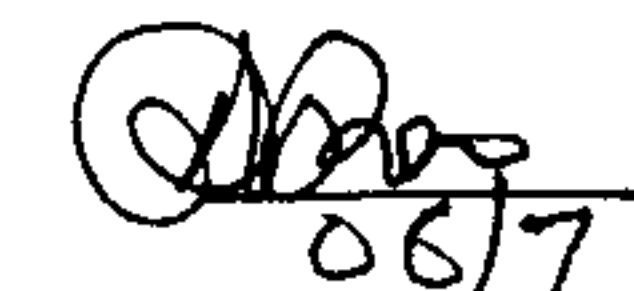
Dy. Director RS(IC)
Railway Board

No.99/RS(IC)/165/SRC pt.1

New Delhi, dated 06.07.2015

Copy to:

1. The COSs, All Indian Railways & PUs including NF(C).
2. The COS, Metro Railway, Kolkata
3. The COS, COFMOW, New Delhi.
4. The COS, CORE, Allahabad.
5. COS / Workshop Projects organisation, 1st Floor, Chamber Bhawan, J.C. Road, Patna -800001.
6. The COS, Konkan Railway Corporation Ltd., Belapur Bhavan, 4th Floor, Sector-11, CBD, Belapur, Navi Mumbai-400614.
7. The COS, Mumbai Rail Vikas Corporation, 2nd Floor, Church Gate station Building, Mumbai-400020.
8. The Directors-
 - a. Indian Railway Institute of Sig. Engg. & Telecom, Secunderabad.
 - b. Indian Railway Institute of Mech. & Elec. Engg., Jamalpur.
 - c. Indian Railway Institute of Elect. Engg., Nasik.
 - d. Sr.Prof. (Material Management), Railway Staff College, Vadodara.
 - e. Indian Railway Institute of Civil Engg., Pune.
 - f. Indian Railway Institute of Logistics & Materials Management, IDA House, Sector IV, R.K. Puram, New Delhi
 - g. Indian Railway Institute of Traffic Management, Lucknow.
9. Chairman, Railway Rates Tribunal, Chennai.
10. Director, Iron & Steel, 3, Koila Ghat Street, Kolkata.
11. Executive Director (Stores), RDSO, Manak Nagar, Lucknow.
12. Chief Commissioner, Railway Safety, Lucknow.
13. ED(QA)/RITES, RITES Bhavan, Sector-29, Gurgaon, Haryana.
14. CPM, CRIS, Chanakya Puri, New Delhi.
15. GM(Proj)-V, CRIS, Chanakya Puri, New Delhi.


06/7
(A.N. Rao)

Dy. Director RS(IC)
Railway Board

LIST OF SAFETY / VITAL ITEMS WITH UNIFIED PL NUMBERS 2015

SN of Rly. Bd/SN in RDSO's safety list circulated vide RDSO's letter no. QAM/RSRC dated 30/31.01.2012	SN of Concerned dte. of RDSO(as per RDSO's letter no.QAM/RSRC dt. 20.01.14)	Assembly(as per RDSO's letter no.QAM/RSRC dt. 20.01.14)	Assy. Specification No.(as per RDSO's letter no.QAM/RSRC dt. 20.01.14)	Assy. Drawing No	Item Description	Item Specification No.	Item Drawing No	Unified PL No.	Category	Nominate d Rly / PU for allaoting Unified PL No.	Whether Safety or Vital(as per RDSO's letter no.QAM/R SRC dt. 20.01.14)	SN in corresponding RDSO vendor directory of July 2013(as per RDSO's letter no.QAM/RSR C dt. 20.01.14)
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	SA-9 IND. BRAKE VALVE			11360021	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	MU-2B VALVE		TPL DRG NO. 0411	11360033	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	HS-4 CONTROL AIR VALVE ASSLY.		DRG NO. SK. NO.-0598	11360045	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	F-1 SELECTOR VALVE			11360057	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	HB-5 RELAY AIR VALVE			11360100	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	A-1 DIFF.PILOT AIR VALVE			11360148	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	VA-1B CONTROL AIR VALVE			11360150	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	VA-1 RELEASE VALVE		DRG NO. TPL-0425	11360161	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	RESERVOIR ASSEMBLY 180 CU.INCH.(3 LITRE)(TYPE-I)		DRG NO TPL-0180	11360392	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	RESERVOIR 110 CU.INCH.(2 LITRE)		DRG NO. TPL -1136	11360409	II	DLW	Safety	

1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	RESERVOIR 435 CU.INCH (7 LITRES)		RG NO. SK 0127	11371857	I	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	FLAP TYPE CHECK VALVE-2"		DRG NO. SK NO. 0594	11377628	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	J-1 SAFETY VALVE SET AT 10.5+/-0.1 KG/CM.SQ.			11390037	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	DOUBLE CHECK VALVE 24-A.3/8"		DRG NO. 0307	11390153	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	CUT OUT COCK BALL TYPE-3/8" WITHOUT VENT		DRG NO.- 0759	11397020	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	CUT OUT COCK BALL TYPE-3/8"WITH 1/8"VENT			11397032	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	CUT OUT COCK BALL TYPE-1" WITHOUT VENT.			11397081	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	CUT OUT COCK BALL TYPE-2" WITH HANDLE SEALING IN OPEN POSITION.			11397135	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	FELT PROTECTED CHOKE DRG.NO.SK.NO.-0304		DRG.NO.S K.NO.-0304	11440326	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	VAC.BRAKE PIPE CONTROL GAUGE 4" SELF ILLUMINATED WITH LED		DRG NO. SK. NO.- 2064	11445531	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	A-9 AUTO. BRAKE VALVE MODIFIED			11452780	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	C-2W RELAY VALVE 6 m.m.MODIFIED (FOR OVER CHARGE)			11452810	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	4-LITRE RESERVOIR WITH FOUR PORT OF 3/8" NPT (TWO PORT DUMMY) 1 PORT PLUGGED SIMILAR		SIL DRG.NO.29 093121 / SWIL PART No.7800574 00.	11452821	II	DLW	Safety	

1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	AIR FILTER (BOTH END STRAIGHT) WITH 3/8"NPT. SIMILAR	SWIL PART NO.7090110 00.	SIL DRG.NO.29 093921 / SWIL PART NO.7090110 00.	11452833	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	O.5 MM DIA. CHOKE WITH FELT FILLTER WITH 3/8" NPT. SIMILAR		SIL DRG.NO.29 093221 / SWIL PART NO.7251510 00.	11452845	I	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	ROTEX MAGNET VALVE (NORMALY OPEN)	MATL.SPEC N.AS PER SIMILAR TO ROTEX DRG.MAKE MODEL SR-3055		11454052	I	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	DANFOSS PRESSURE SWITCH RT-116 SB.SET AT DROP OUT 3.5 & PICK UP AT 4 KG./CM SQ.	MATL.SPEC N.& DRG.AS PER INDFOSS MAKE MODEL RT-116	MATL.SPE CN.& DRG.AS PER INDFOSS MAKE MODEL RT-116	11456516	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	TWO WAY MAGNET VALVE (NORMALLY CLOSED) ROTEX MODEL SR-3164.	AS PER ROTEX DRG.MODE L SR-3164		11457156	I	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	C-2 W RELAY VALVE		DRG.NO:S K.No.2293	11457170	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	AIR FILTER "B" GD-80E WITH PAPER FILTER			11457405	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	AIR FILTER HOUSING GD-80D (FOR PAPER FILTER ELEMENT)		DRG NO. TPL-5919	11457508	II	DLW	Safety	

1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	RELAY VALVE TYPE R-6/SDW-1		BASED ON S.D.TECH. DRG.No.-SD.9005/00 D" & SIMILER TO SWIL PT.No.53400 1000.	11458392	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	PRESSURE SWITCH (PCS1) ELECTRICAL CONTACT CLOSED AT 6.5+/-0.1 KG/CMSQ,OPEN AT 7.5+/-0.1 KG/CMSQ -	MATL.SPEC N.AS PER MAKE MODEL INDFOS-RT-116X		11459827	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	PRESSURE SWITCH (PCS2) ELECTRICAL CONTACT CLOSED AT 4.0 KG/CMSQ.,OPEN AT 2.8 KG/CMSQ.	MATL.SPEC N.AS PER MAKE MODEL INDFOS-RT-116X		11459839	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	DISTRIBUTION VALVE C-3W WITH CR			11487513	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	D-1 EMERGENCY BRAKE VALVE		DRG NO. - 11664733	11487525	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	N-1 REDUCING VALVE SET AT 2.5 KG./CM.SQ.			11663250	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	KIT FOR 28LAV-1 PANEL MOUNTED BRAKE SYSTEM (WITH COMPACT TYPE PANEL)		SK.NO-2314	11663704	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	KIT FOR IRAB-1 PANEL MOUNTED BRAKE SYSTEM (WITH COMPACT TYPE PANEL)			11664733	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	KIT FOR COMPUTER CONTROLLED BRAKE SYSTEM TO PART NO 17454098.	RDSO SPEC. NO. MP-0.01.00.20	DRAWING NO K-1745035	17454098	II	DLW	Safety	
1.1	1.1	Air and vacuum brake equipment (Conventional & Microprocessor Controlled) including valves & spares	As per OEM/RDSO Specification	As per OEM / RDSO drawing	KIT FOR COMPUTER CONTROLLED BRAKE SYSTEM	RDSO SPEC. NO. MP.0.01.00.24	DRAWING NO. AND PART NO 17455674	17455674	II	DLW	Safety	
1.2	1.2	Air flow measuring valve	MP-1412/88	SK-DP-2705 /11485085/SK No. 0837	AIR FLOW MEASURING VALVE			11485085	II	DLW	Safety	247

1.3	1.3	Air flow Indicator	MP-1412/88	SK-DP-3523, 3933 & 3533 for diesel locomotive & SK.DP-3510 & 3518 for electric locomotive 11445506/SK No. 2061	AIR FLOW MEASURING GAUGE SELF ILLUMINATED WITH LED.		DRG NO. SK. 2061	11445506	II	DLW	Safety	247
1.4	1.4	Brake Block (Cast iron)		D/ BG 1753 TPL-0202/11250185	BRAKE SHOE		DRG. NO. TPL-0202	11250185	II	DLW	Safety	
1.5	1.5	'L' Type Composition Brake Block for Diesel & Electric Locomotives	MP.0.01.00.04	SK.DP-3650 Alt.1	L' TYPE COMPOSITE BRAKE SHOE		DRG. NO.TPL-9283	11663406	II	DLW	Safety	236
1.6	1.6	High Friction brake blocks for EMD locomotives	MP.0.01.00.10	SK-DP 3630	HIGH FRICTION COMPOSITION BRAKE BLOCK			17452417	II	DLW	Safety	273
1.7	1.7	Horn assembly	MP.0.99.00.04 & RDSO/2010/EL/SPEC/00	DLW drawing no.10585230 (Sheet 1 to 5) for diesel loco	AIR WHISTLE		DRG NO 10585230	17451243	I	DLW	Safety	
1.8	1.8	Pressure & vacuum gauges (Diesel locomotives)	IS-3624	SK-DP 3521 to 3530	DUPLEX AIR PRESSURE GAUGE 4"(MR & FP) SELF ILLUMINATED WITH LED		DRG NO. SK NO.-2058	11445476	II	DLW	Safety	
1.8	1.8	Pressure & vacuum gauges (Diesel locomotives)	IS-3624	SK-DP 3521 to 3530	4" SINGLE AIR PRESSURE GAUGE (B.C.) SELF ILLUMINATED WITH LED		DRG NO. SK NO.-2059	11445488	II	DLW	Safety	
1.8	1.8	Pressure & vacuum gauges (Diesel locomotives)	IS-3624	SK-DP 3521 to 3530	6"SINGLE PRESSURE-GAUGE (B.P.) SELF ILLUMINATED WITH LED		DRG NO. SK NO.-2062	11445518	II	DLW	Safety	
1.8	1.8	Pressure & vacuum gauges (Diesel locomotives)	IS-3624	SK-DP 3521 to 3530	6" SINGLE VACCUM GAUGE (VTP) SELF ILLUMINATED (LED)		DRG NO. SK NO.-2063	11445520	II	DLW	Safety	
1.8	1.8	Pressure & vacuum gauges (Diesel locomotives)	IS-3624	SK-DP 3521 to 3530	VAC. BRAKE PIPE CONTROL GAUGE 4" SELF ILLUMINATED (LED)		DRG NO. SK NO.-2064	11445531	II	DLW	Safety	
1.8	1.8	Pressure & vacuum gauges (Diesel locomotives)	IS-3624	SK-DP 3521 to 3530	AIR GAUGE ASM		DRG NO. 10631881	17452508	II	DLW	Safety	
1.10	1.10	Vigilance control device for diesel locomotives (Stand alone)	MP.0.34.00.04	—	VIGILANCE CONTROL DEVICE DEL/SPN/213			12202344	I	DLW	Safety	250
1.11	1.11	Release Run Magnet valve	MP.0.01.00.11	—	RELEASE & RUN MAGNET VALVE NORMALLY CLOSED TYPE WITH CHOKE SR-3282-25-5B 72V DC.			11663492	II	DLW	Safety	

1.12	1.12	Pressure switches	—	—	PRESSURE SWITCH (P 2) ELECTRICAL CONTACT CLOSED AT 4.4 KG/CMSQ., OPEN AT 4.7 KG/CMSQ.	MATL.SPEC N.AS PER MAKE MODEL INDFOS RT- 116 SB X- CNA.		11459803	I	DLW	Safety	
1.12	1.12	Pressure switches	—	—	PRESSURE SWITCH (P 1) ELECTRICAL CONTACT CLOSED AT 4.5 KG/CMSQ., OPEN AT 4.8KG/CMSQ.	MATL.SPEC N.AS PER MAKE MODEL INDFOS-RT- 116 SB X- CNA.		11459815	I	DLW	Safety	
1.13	1.13	Main Reservoir	MP.Misc-220	SK.DL-4703 & 4704	MAIN RESERVOIR ASSLY-350 LTRS/ MR- II (R.H.)			11374032	II	DLW	Safety	
1.13	1.13	Main Reservoir	MP.Misc-220	SK.DL-4703 & 4704	MAIN RESERVOIR ASSLY-350 LTRS/ MR-I (L.H.)			11377860	II	DLW	Safety	
1.13	1.13	Main Reservoir	MP.Misc-220	SK.DL-4703 & 4704	AIR RESERVOIR ASSLY-350 LITRES.			11663522	II	DLW	Safety	
1.13	1.13	Main Reservoir	MP.Misc-220	SK.DL-4703 & 4704	AIR RESERVOIR		DRG NO 40054147	17450986	II	DLW	Safety	
1.13	1.13	Main Reservoir	MP.Misc-220	SK.DL-4703 & 4704	AIR START RESERVOIR		DRG NO. 40175322	17456228	II	DLW	Safety	
1.14	1.14	Air Dryer & mounting arrangement	MP.0.01.00.06	SK.DP-3627 & 3566, SK.EL-4556 & 4557 DLW Pt 10629715	TWIN TOWER HEATLESS REGENERATING AIR DRYER	RDSO Specification No. MP.0.01.00.0 6, REV.-0.05, MARCH 2011		11810725	I	DLW	Safety	230
1.15	1.15	Axle	IRS:R-43	SK.DP-3627 & 3566, SK.EL-4556 & 4557 DLW Pt 10629715	Axle (Rough machined)for WDG3A & WDM3D locomotives	IRS R 43-92 with Corrigendum 1	DLW drg. no. TPL- 5868	11231622	I	DLW	Safety	251
1.15	1.15	Axle	IRS:R-43	SK.DP-3627 & 3566, SK.EL-4556 & 4557 DLW Pt 10629715	Axle rough for WDG-4 & WDP-4 locomotives	EMS-804	DLW drg. no. 40077315	17230019	I	DLW	Safety	251
1.15	1.15	Axle	IRS:R-43	SK.DP-3627 & 3566, SK.EL-4556 & 4557 DLW Pt 10629715	Axle Rough for WDG5 locomotive	IRS R 43-92 with Corrigendum 1	DLW Drg. no. 40173937	17230330	I	DLW	Safety	251
1.16	1.16	Axle Box Roller bearing	MP.0.3600.01		AXLE BOX ASSLY WITH BEARING COMPONENTS FOR HIGH SPEED OPERATION (BG)COMPLETE KIT- 12 AXLE BOXES.			11022693	I	DLW	Safety	262

1.16	1.16	Axle Box Roller bearing	MP.0.3600.01		AXLE BOX ASSEMBLY KIT CONTAINING 12NOS. AXLE BOXES WITH ROLLER BEARING & COMPONENTS			11029730	I	DLW	Safety	262
1.16	1.16	Axle Box Roller bearing	MP.0.3600.01		AXLE BOX ASSLY.(WITH CRU BEARING AND COMPONENTS) COMPLETE KIT-12 AXLE BOXES			11520255	I	DLW	Safety	262
1.16	1.16	Axle Box Roller bearing	MP.0.3600.01		AXLE BOX ASSEMBLY KIT(CONTAINING 12 NOS AXLE BOXES) WITH BEARING AND COMPONENTS FOR ONE LOCO SET			11520346	I	DLW	Safety	262
1.17	1.17	Axle Guide Link for WDP3A	MP.0.3600.01	VL.FM5g.08 & VL.FM5g.08A	AXLE BOX GUIDE LINK FOR WDP3A			11026674	I	DLW	Safety	
1.18	1.18	Bonded Rubber Sandwich Mounting for T.M.		SK.VL-325 DLW Pt. 412V98770, 11020179	SANDWICH MOUNTING (BG)		DRG. NO. TPL-0397	11270019	I	DLW	Safety	
1.19	1.19	Brake Pull Rod Safety Bracket	IRS:R-49	SK.VL- 326, 327, 023, 023A , SK.DL-4199, 4200	BRAKE PULL ROD SAFETY BRACKET		DRG NO. SKVL 326,327,023, 023A, SKDL-4199, 4200	11811780	II	DLW	Safety	
1.20	1.20	Brake Block Key	—	SK.VL-383, DLW drg. No. TPL-0026, 11230083	BRAKE SHOE KEY	MP-1412/88	DRG. NO. TPL-0026	11230083	II	DLW	Safety	
1.20	1.20	Brake Block Key	—	SK.VL-383, DLW drg. No. TPL-0026, 11230083	BRAKE SHOE KEY	MP-1412/88	DRG. NO. 9501303	17453227	II	DLW	Safety	
1.21	1.21	Bushes for compensating & equaliser mechanism	—	SK.VL-139, DLW Pt. No. 11168079/11168080/1116 8092	BUSH TO DRG. NO. TPL-6471 , ID- 70 mm , OD- 80 mm ,L-80mm		TPL-6471 (item -1)	11168079	II	DLW	Safety	
1.21	1.21	Bushes for compensating & equaliser mechanism	—	SK.VL-139, DLW Pt. No. 11168079/11168080/1116 8092	BUSH TO DRG. NO. TPL-6471 , ID- 65 mm , OD- 75 mm,L-20mm		TPL-6471 (item -2)	11168080	II	DLW	Safety	
1.21	1.21	Bushes for compensating & equaliser mechanism	—	SK.VL-139, DLW Pt. No. 11168079/11168080/1116 8092	BUSH TO DRG. NO. TPL-6471 , ID- 65mm , OD- 75 mm , L-32mm		TPL-6471 (item -3)	11168092	II	DLW	Safety	
1.22	1.22	Pins & cotter for Equaliser & Compensating beam Mechanism	—	SK.VL-139	EQUALISER PIN DRG. NO. TPL-6472		TPL-6472	11168055	II	DLW	Safety	260
1.22	1.22	Pins & cotter for Equaliser & Compensating beam Mechanism	—	SK.VL-139	PIN		TPL-6472	11168067	II	DLW	Safety	260
1.22	1.22	Pins & cotter for Equaliser & Compensating beam Mechanism	—	SK.VL-139	FLAT SPLIT COTTER 8X20X120 LG.			15850237	I	DLW	Safety	260

1.23	1.23	Brake hanger levers and slack adjuster	–	SK.VL- 326, 327, 023, 023A, SK.DL-4199, 4200	BRAKE RIGGING KIT for WDM2 Loco		208V 16020	11020428	II	DLW	Safety	
1.23	1.23	Brake hanger levers and slack adjuster	–	SK.VL- 326, 327, 023, 023A, SK.DL-4199, 4200	BRAKE RIGGING KIT for WDM3D/WDG3A Loco		11520334	11520334	II	DLW	Safety	
1.23	1.23	Brake hanger levers and slack adjuster	–	SK.VL- 326, 327, 023, 023A, SK.DL-4199, 4200	BRAKE RIGGING KIT for WDG4/WDP4/WDP4D/WDG4D Loco		K-1702009	17021182	II	DLW	Safety	
1.24	1.24	Buffer assy and its spare for ALCO Loco and EMD Loco	MP.0.41.00.03, MP.0.41.00.04 & MP.0.41.00.07	SKDL 4561 & SKDL 4748, LA/BD-153, 373V12990	LOCO SIDE BUFFER ASSLY			11663236	II	DLW	Safety	271
1.25	1.25	Cattle guard for ALCO Loco Pilot Assy for EMD Loco Rail guards for ALCO Loco Rail guards for EMD Loco	–	SKDL 4131, DLW drg.no. TPL-0788/11033617, DLW Pt. No. 11531356, TPL-3373, EMD Pt No. 10632464 &DLW Pt.No. 17032969, DLW drg. no. TPL-9119, DLW Pt. No. 10643219	CATTLE GUARD ASSLY		DRG NO TPL-0788	11033617	I	DLW	Safety	
1.25	1.25	Cattle guard for ALCO Loco Pilot Assy for EMD Loco Rail guards for ALCO Loco Rail guards for EMD Loco	–	SKDL 4131, DLW drg.no. TPL-0788/11033617, DLW Pt. No. 11531356, TPL-3373, EMD Pt No. 10632464 &DLW Pt.No. 17032969, DLW drg. no. TPL-9119, DLW Pt. No. 10643219	MODIFIED CATTLE GUARD ASSEMBLY			17032969	I	DLW	Safety	
1.25	1.25	Cattle guard for ALCO Loco Pilot Assy for EMD Loco Rail guards for ALCO Loco Rail guards for EMD Loco	–	SKDL 4131, DLW drg.no. TPL-0788/11033617, DLW Pt. No. 11531356, TPL-3373, EMD Pt No. 10632464 &DLW Pt.No. 17032969, DLW drg. no. TPL-9119, DLW Pt. No. 10643219	CATTLE GUARD ASSEMBLY			17035909	I	DLW	Safety	
1.26	1.26	Centre Pivot Rubber Bush assembly /Centre pivot block assly.	–	SK.VL-266, SK.VL-501,DLW drg.no. TPL-5111, 11272818	RUBBER BUSH			11272818	II	DLW	Safety	
1.27	1.27	Centre pivot liners	–	SK.DL-3255, SK.VL-472	BOLSTER WEAR PLATE B S 1449 EN 43 J			11123126	II	DLW	Safety	263
1.28	1.28	Conical Thrust Pad	IRS:R-63	SK.DL-2308, 2309	CONICAL THRUST PAD			11432639	II	DLW		262
1.29	1.29	Equaliser Beam for WDM2	MP.0.4900-11(Rev.010) Jan'2010	SK.VL-178	EQUALISER ASSY LONG (OUTSIDE) for WDM2/WDS6 loco		TPL- 0684	11022590	II	DLW	Safety	260
1.29	1.29	Equaliser Beam for WDM2	MP.0.4900-11(Rev.010) Jan'2010	SK.VL-178	EQUALISER ASSY SHORT (OUTSIDE)for WDM2/WDS6 loco		TPL- 0685	11022607	II	DLW	Safety	260

1.29	1.29	Equaliser Beam for WDM2	MP.0.4900-11(Rev.010) Jan'2010	SK.VL-178	EQUALISER ASSY LONG (INSIDE) for WDM2/WDS6 loco		TPL- 0684	11022668	II	DLW	Safety	260
1.29	1.29	Equaliser Beam for WDM2	MP.0.4900-11(Rev.010) Jan'2010	SK.VL-178	EQUALISER ASSY SHORT(INSIDE) for WDM2/WDS6 loco		TPL- 0685	11022670	II	DLW	Safety	260
1.30	1.30	Equaliser Beam, Compensating beam & Links for WDG3A	MP.0.4900-11(Rev.010) Jan'2010	SK.VL-181, SK.VL- 293,DLW drg.no. TPL- 9384.9285 & 9286	LINK		TPL-9286	11520267	II	DLW	Safety	260
1.30	1.30	Equaliser Beam, Compensating beam & Links for WDG3A	MP.0.4900-11(Rev.010) Jan'2010	SK.VL-181, SK.VL- 293,DLW drg.no. TPL- 9384.9285 & 9286	EQUALISER BEAM .		TPL - 9285	11520279	II	DLW	Safety	260
1.30	1.30	Equaliser Beam, Compensating beam & Links for WDG3A	MP.0.4900-11(Rev.010) Jan'2010	SK.VL-181, SK.VL- 293,DLW drg.no. TPL- 9384.9285 & 9286	COMPENSATING BEAM.		TPL- 9284.	11520280	II	DLW	Safety	260
1.31	1.31	Equaliser Spring Seat		SK.DL-3867	SPRING SEAT		TPL-5418	11029341	II	DLW	Safety	
1.31	1.31	Equaliser Spring Seat		SK.DL-3867	SPRING SEAT			11250100	II	DLW	Safety	
1.32	1.32	Fabricated Bogie Frame & Bolster	VL Spec.-6		MODIFIED BOGIE FRAME & BOLSTER ASSLY. (FOR WDP3A LOCOS)			11025797	II	DLW	Safety	253
1.32	1.32	Fabricated Bogie Frame & Bolster	VL Spec.-6		BOGIE FRAME ASSEMBLY (FABRICATED)		TPL - 2823	11028660	II	DLW	Safety	253
1.32	1.32	Fabricated Bogie Frame & Bolster	VL Spec.-6		BOGIE FRAME ARRGT (WITHOUT EQUALIZER AND C BEAM)			11520760	II	DLW	Safety	253
1.32	1.32	Fabricated Bogie Frame & Bolster	VL Spec.-6		BOGIE FRAME ARRANGEMENT			11522010	II	DLW	Safety	253
1.33	1.33	Flasher light – Diesel Locos (LED type for ALCo loco) Diesel Locos (LED type for EMD loco) Flasher light – Electric Locos	ELRS/SPEC/LFL/0017 - ELRS/SPEC / LFL/0017	EL/PT/0473 DLW Pt.no. 12365877 EMD Pt No. 8494495, DLWPt.no. 17451383	LED TYPE WARNING FLASHER LIGHT	ELRS/SPEC/ LFL/0017 (REV-1 SEP.2004)	DRG NO. EL/PT/0473 R2	12365877	I	DLW	Safety	217
1.33	1.33	Flasher light – Diesel Locos (LED type for ALCo loco) Diesel Locos (LED type for EMD loco) Flasher light – Electric Locos	ELRS/SPEC/LFL/0017 - ELRS/SPEC / LFL/0017	EL/PT/0473 DLW Pt.no. 12365877 EMD Pt No. 8494495, DLWPt.no. 17451383	MARKER LIGHT		8494495	17451383	I	DLW	Safety	217
1.34	1.34	Hand brake assy	–	TPL6184/11024460	HAND BARKE ASSLY			11024460	II	DLW	Safety	
1.34	1.34	Hand brake assy	–	TPL6184/11024460	MODIFIED HAND BRAKE			11669160	II	DLW	Safety	
1.34	1.34	Hand brake assy	–	TPL6184/11024460	HANDBRAKE		10634750	17020025	II	DLW	Safety	
1.35	1.35	Head light - Diesel Locos(Twin beam for ALCo loco) Diesel Locos (Twin beam for EMD loco) Head light Switches	ELRS/SPEC/PR/0024	EL/PT/0410R-3,DLW Pt.No. 12365877, EMD PT No. 8247096, DLW Pt. No. 18360683, DLW Pt. No. 12319752	TWIN BEAM HEAD LIGHT (WITHOUT DC/DC CONVERTER).	ELRS/SPEC/ PR/0024, (REV.01 SEP.04)		12365830	I	DLW	Safety	224

1.35	1.35	Head light - Diesel Locos(Twin beam for ALCo loco) Diesel Locos (Twin beam for EMD loco) Head light Switches	ELRS/SPEC/PR/0024	EL/PT/0410R-3,DLW Pt.No. 12365877, EMD PT No. 8247096, DLW Pt. No. 18360683, DLW Pt. No. 12319752	HEAD LIGHT ASSLY		8247096	18360683	I	DLW	Safety	224
1.36	1.36	High capacity draft gear and its spare	49-BD-94	TPL-2527/11032686	HIGH CAPACITY DRAFT GEAR			11032686	II	DLW	Safety	28
1.37	1.37	Low pre load soft draft gear for passenger loco	MP.0.41.00.06		LOW PRE LOAD SOFT DRAFT GEAR			11535854	II	DLW	Safety	
1.38	1.38	High tensile transition CBC with transition screw coupling assy & its components for BG loco	MP.0.41.00.05	SKDL-2494, 2495, 2496 TPL-0690/11032753	HIGH TENSILE CENTRE BUFFER COUPLER		DRG NO. TPL - 690	11032753	II	DLW	Safety	
1.39	1.39	‘E’ type coupler for PAC	–	EMD Pt. No. 10661402, DLW Pt. No. 17454505	E TYPE COUPLER		10661402	17454505	II	DLW	Safety	273
1.40	1.40	Draft gear with yoke assy PAC	–	EMD Pt. No. 8434090, DLW Pt. No. 17454530	DRAFT GEAR AND YOKE ASM.FOR WDP4		8439090	17454530	II	DLW	Safety	275
1.41	1.41	‘E’ type coupler for MAC	–	EMD Pt. No. 10632625, DLW Pt. No. 17451103	E-TYPE COUPLER		10632625	17451103	II	DLW	Safety	273
1.42	1.42	Draft gear with yoke assy MAC	–	EMD Pt. No. 8420236, DLW Pt. No. 17451115	DRAFT GEAR YOKE ASM FOR WDG4		8420236	17451115	II	DLW	Safety	275
1.43	1.43	‘H’ type tight lock transition CBC	MP.0.41.00.05	SKDL-3430 DLW Pt.No. 11981891	TIGHT LOCK COUPLER H-TYPE			11535945	II	DLW	Safety	272
1.44	1.44	Look out glass	–	–	LOOK OUT GLASS		TPL-2820	11445889	I	DLW	Safety	
1.44	1.44	Look out glass	–	–	GLASS WINDOW (DOOR) TO DRG NO.10631398		10631398	17420039	I	DLW	Safety	
1.44	1.44	Look out glass	–	–	GLASS WINDOW (DOOR)			17420088	I	DLW	Safety	
1.44	1.44	Look out glass	–	–	GLASS WINDOW (FRONT)		10630657	17451190	I	DLW	Safety	
1.44	1.44	Look out glass	–	–	FRONT GLASS			17455522	I	DLW	Safety	
1.44	1.44	Look out glass	–	–	FRONT GLASS			17455534	I	DLW	Safety	
1.45	1.45	Marker light- Diesel Locomotives	ELPS Spec/ Marker light/01	12365040, 12365038	CLASSIFICATION LIGHT	ASSEMBLY-(R.H.) DEL/SPN/10 7 R2		12365038	I	DLW	Safety	226
1.45	1.45	Marker light- Diesel Locomotives	ELPS Spec/ Marker light/01	12365040, 12365038	CLASSIFICATION LIGHT	ASSEMBLY (L.H.) DEL/SPN/10 7 R2		12365040	I	DLW	Safety	226
1.46	1.46	Marker light - Diesel Locos (LED based for ALCo) Diesel Locos (LED based for EMD)	ELRS/SPEC/PR/0022 DLW SPEC NO. WDG4/EL/PS/16	EL/PT/0374, DLW Pt.no. 12365762 DLW pt.no.18360774	MARKER LIGHT POWER LED	RDSO SPECIFICAT ION ELRS/SPEC/ PR/0022 (REV-1 OCT. 2004)		12365762	I	DLW	Safety	226
1.46	1.46	Marker light - Diesel Locos (LED based for ALCo) Diesel Locos (LED based for EMD)	ELRS/SPEC/PR/0022 DLW SPEC NO. WDG4/EL/PS/16	EL/PT/0374, DLW Pt.no. 12365762 DLW pt.no.18360774	LED BASED CLASSIFICATION LAMP	WDG4/EL/P S/16		18360774	I	DLW	Safety	226
1.47	1.47	MG loco coupler	LA/BD-5320/M	–	MG LOCO COUPLER			11420215	II	DLW	Safety	

1.48	1.48	Modified Lubricated Pins of Equaliser & Compensating Mechanism	—	SK.VL-139	PIN TO DRG. NO. TPL-6472		TPL-6472	11168067	II	DLW	Safety	
1.49	1.49	Dee Shackle	—	SK.VL-225, SK.DL-4195	DEE SHACKLE WITH CONNECTION PIN		TPL- 6438	11026224	II	DLW	Safety	
1.49	1.49	Dee Shackle	—	SK.VL-225, SK.DL-4195	SHACKLE ASSLY		TPL- 2745	11028646	II	DLW	Safety	
1.49	1.49	Dee Shackle	—	SK.VL-225, SK.DL-4195	SHACKLE ASSLY			17020645	II	DLW	Safety	
1.49	1.49	Dee Shackle	—	SK.VL-225, SK.DL-4195	SHACKLE ASSLY			17031874	II	DLW	Safety	
1.50	1.50	Brake Head Assly	—	SK.VL-382	BRAKE HEAD ASSLY	MP.0.01.00.04	203V40050	11020430	II	DLW	Safety	
1.50	1.50	Brake Head Assly	—	SK.VL-382	BRAKE HEAD ASSEMBLY	MP.0.01.00.04		17020440	II	DLW	Safety	
1.51	1.51	Spring Pad (Anti Vibration Pad)	MP.0.40.99.01	SK.VL-279,280, 282, 283, 291, 323, 458 & 459	ANTI VIBRATIONS RUBBER PAD DLW S.K.NO-0712	S.K.NO-0712	S.K.NO-0712	11272624	II	DLW	Safety	266
1.52	1.52	Equaliser Tie Pin	—	SK.DL-3273	EQUALISER PIN		TPL - 0712	11169412	II	DLW	Safety	
1.53	1.53	Bushes for brake Rigging (Metallic/Non-Metallic)	—	SK.VL-384	BUSHES FOR BRAKE RIGGING (METALLIC/NON METALLIC		TPL - 311	11811778	II	DLW	Safety	
1.54	1.54	Non Metallic brake Rigging bushes	—	SK.VL-674	NYLATRON BUSHES FOR BRAKE RIGGING			11275789	II	DLW	Safety	
1.55	1.55	Bogie Side stoppers	—	SK.VL-134, 136	SIDE STOPPER RUBBER BUFFER PAD		TPL-6783	11026248	II	DLW	Safety	
1.55	1.55	Bogie Side stoppers	—	SK.VL-134, 136	SEC LATERAL STOP			17455777	II	DLW	Safety	
1.56	1.56	Safety brackets	—	TPL-0466/11020714	SAFETY BRACKET FOR SLACK ADJUSTER		TPL - 0466	11020714	II	DLW	Safety	
1.56	1.56	Safety brackets	—	TPL-0466/11020714	SAFETY BRACKET			11244744	II	DLW	Safety	
1.57	1.57	Side Bearer (Secondary Rubber Springs)	Spec. VL-02 & VL-03	SK.VL-127, 133, DLW Pt. No. EMD part no. 40075328	SIDE BEARER		TPL-5475	11272922	II	DLW	Safety	20
1.57	1.57	Side Bearer (Secondary Rubber Springs)	Spec. VL-02 & VL-03	SK.VL-127, 133, DLW Pt. No. EMD part no. 40075328	SIDE BEARER		TPL-6468	11273446	II	DLW	Safety	20
1.57	1.57	Side Bearer (Secondary Rubber Springs)	Spec. VL-02 & VL-03	SK.VL-127, 133, DLW Pt. No. EMD part no. 40075328	RUBBER SPRING ASM		40075328	17020293	II	DLW	Safety	20
1.57	1.57	Side Bearer (Secondary Rubber Springs)	Spec. VL-02 & VL-03	SK.VL-127, 133, DLW Pt. No. EMD part no. 40075328	RUBBER SPRING ASM 'A'		40090677	17021121	II	DLW	Safety	20
1.57	1.57	Side Bearer (Secondary Rubber Springs)	Spec. VL-02 & VL-03	SK.VL-127, 133, DLW Pt. No. EMD part no. 40075328	RUBBER SPRING ASM		40172815	17021790	II	DLW	Safety	20
1.57	1.57	Side Bearer (Secondary Rubber Springs)	Spec. VL-02 & VL-03	SK.VL-127, 133, DLW Pt. No. EMD part no. 40075328	RUBBER SPRING ASM 'B'		40090678	17022133	II	DLW	Safety	20
1.58	1.58	Snubbers		SK.DL-2089A	SPRING ASSLY WITH SNUBBER		7621V42150	11020167	II	DLW	Safety	50
1.58	1.58	Snubbers		SK.DL-2089A	SNUBBER ARRGT.		TPL - 0435	11022152	II	DLW	Safety	50

1.59	1.59	Speed recorder-indicator – Diesel Loco (ALCO Loco) Event recorder - For EMD Loco	MP.0.3700.07 and MP.0.3700.10	12190706, 12191048	STRIP CHART TYPE SPEED INDICATING & RECORDING SYSTEM (0-150) KMPH FOR DIESEL LOCO			12190706	I	DLW	Safety	215, 233
1.59	1.59	Speed recorder-indicator – Diesel Loco (ALCO Loco) Event recorder - For EMD Loco	MP.0.3700.07 and MP.0.3700.10	12190706, 12191048	SPEED RECORDER	RDSO SPEC NO. MP.0.3700- 01 REVISION - 03 AMMENDE D DEC 1999		12191048	I	DLW	Safety	215, 233
1.59	1.59	Speed recorder-indicator – Diesel Loco (ALCO Loco) Event recorder - For EMD Loco	MP.0.3700.07 and MP.0.3700.10	12190706, 12191048	EVENT RECORDER WITH INTERFACE TO EM - 2000 FOR WDG4/WDP4 LOCOMOTIVE	WDG4/EL/P S/1 REV.-B		18190054	I	DLW	Safety	215, 233
1.60	1.60	Suspension bearing cap/roller suspension bearing tube bolts	–	BHEL Drg.	SOCKET HEAD CAP SCREW LOCK WEL 10X30LG. (FOR TM - 4907 AZ)		4/DCW/M/T M-421	12495633	I	DLW	Safety	
1.60	1.60	Suspension bearing cap/roller suspension bearing tube bolts	–	BHEL Drg.	SOCKET HEAD CAP SCREW 12X90LG.FOR TM 4907		4/DCW/M/T M-423	12495645	I	DLW	Safety	
1.60	1.60	Suspension bearing cap/roller suspension bearing tube bolts	–	BHEL Drg.	SOCKET HEAD CAP SCREW 12X70LG.FOR TM 4907		4/DCW/M/T M-422	12495657	I	DLW	Safety	
1.60	1.60	Suspension bearing cap/roller suspension bearing tube bolts	–	BHEL Drg.	SCREW 1/2-13 HS CAP		138293	19250010	I	DLW	Safety	
1.60	1.60	Suspension bearing cap/roller suspension bearing tube bolts	–	BHEL Drg.	SCREW 1/2-13 HS CAP		138299	19250022	I	DLW	Safety	
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	M.T.SPRING (OUTER)		TPL - 0126	11410036	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	M.T.SPRING (INNER) BG		TPL - 0126	11410048	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	MT SPRING (OUTER) MG (YDM4)		TPL- 1020	11410139	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	MT SPRING (INNER) MG (YDM4)		TPL- 1020	11410140	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	PRIMARY SPRING (WDP1)		TPL-5100	11410360	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	SECONDARY SPRING (WDP1)		TPL-5101	11410371	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	SUSPENSION SPRING OUTER		TPL - 5492	11410383	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	SUSPENSION SPRING INNER		TPL - 5492	11410395	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	SUSPENSION SPRING (PRIMARY)		TPL-6693	11410413	II	DLW	Safety	13
1.61	1.61	Suspension Coil Springs	MP.0.4900.12	–	SECONDARY SPRING (WDP2)		TPL-6694	11410425	II	DLW	Safety	13

1.62	1.62	Tread Brake Unit	MP.0.99.00.05 May -94	SK.VL-023A	TREAD BRAKE UNIT W/PARKING/RH	MP.0.99.00.05		11454234	II	DLW	Safety	
1.62	1.62	Tread Brake Unit	MP.0.99.00.05 May -94	SK.VL-023A	TREAD BRAKE UNIT WITHOUT PARKING BRAKE	MP.0.99.00.05		11454246	II	DLW	Safety	
1.62	1.62	Tread Brake Unit	MP.0.99.00.05 May -94	SK.VL-023A	TREAD BRAKE UNIT W/PARKING/LH	MP.0.99.00.05		11454799	II	DLW	Safety	
1.62	1.62	Tread Brake Unit	MP.0.99.00.05 May -94	SK.VL-023A	TREAD BRAKE UNIT WITHOUT PARKING BRAKE (LH)	MP.0.99.00.05		11454805	II	DLW	Safety	
1.62	1.62	Tread Brake Unit	MP.0.99.00.05 May -94	SK.VL-023A	KIT FOR TREAD BRAKE UNIT			17456216	II	DLW	Safety	
1.63	1.63	Co-Co cast Steel Bogie & Bolster	MP.0.4900.04	–	MACHINING OF CO-CO BOGIE(M.T)		4113V13800	11023168	II	DLW	Safety	43
1.64	1.64	Tie Bar Assembly	–	SK.VL-232, 023, 478, 53.08.01 & VL-FM5.h.01	TIE BAR ASSLY		TPL -6472	11026200	I	DLW	Safety	
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	PRIMARY VERTICAL HYDRAULIC DAMPER			11454192	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	SECONDARY VERTICAL DAMPER			11454209	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	LATERAL HYRAULIC DAMPER			11454210	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	PRIMARY VERTICAL HYDRAULIC DAMPER			11458409	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	HYDRAULIC DAMPER VERTICAL		5476	11459037	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	LATERAL HYRAULIC DAMPER			11663157	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	VERTICAL HYDRAULIC DAMPER			11665660	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	LATERALS HYDRAULIC DAMPER			11665671	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	VERTICAL HYDRAULIC DAMPER		TPL - 2743	11666845	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	LATERAL HYRAULIC DAMPER		TPL - 2744	11666857	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	VERTICAL DAMPER			11810622	II	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	HORIZONTAL DAMPER (SECONDARY YAW)		40057722	17452855	I	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	SECONDARY YAW DAMPER		40090992	17454475	I	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	VERTICAL DAMPER (PRIMARY)	MP.0.40.99.03	46123074	17454992	I	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	VERTICAL DAMPER		40172452	17455789	I	DLW	Safety	257
1.65	1.65	Hydraulic damper – Primary, Secondary	MP.0.49.00.16 & MP.0.40.99.03	SK VL 295,328,471&484	LATERAL DAMPER		40172454	17455790	I	DLW	Safety	257

1.66	1.66	Truck frame (cast)	—	EMD part no. 40075645	TRUCK FRAME ASM		40074880	17020189	II	DLW	Safety	
1.67	1.67	Truck frame (Fabricated)	—	SK.VL-507	HTSC BOGIE (FAB II)		17021492	17021492	II	DLW	Safety	
1.67	1.67	Truck frame (Fabricated)	—	SK.VL-507	BOGIE FRAME ASM	WDG5/PS/0 2		17021522	II	DLW	Safety	
1.68	1.68	Motor NL bushing	—	EMD part no. 40076633	BUSHING NOSE LINK			17272970	I	DLW	Safety	254
1.68	1.68	Motor NL bushing	—	EMD part no. 40076633	MOTOR NOSE LINK BUSHING TO DRG NO 40076638		40076638	17452259	I	DLW	Safety	254
1.69	1.69	Bushing rubber	—	EMD part no. 40076807	BUSHING RUBBER		40076807	17452200	II	DLW	Safety	255
1.70	1.70	Bushing traction rod	—	EMD part no. 40036366	BUSHING TRACION ROD			17272932	II	DLW	Safety	256
1.70	1.70	Bushing traction rod	—	EMD part no. 40036366	BUSHING-TRACTION ROD		40036366	17452211	II	DLW	Safety	256
1.71	1.71	Pad ASM lateral thrust	—	EMD part no. 40074617	LATERAL THRUST PAD		40162354	17272956	II	DLW	Safety	
1.71	1.71	Pad ASM lateral thrust	—	EMD part no. 40074617	PAD ASM - LAT THRUST		40074617	17020244	II	DLW	Safety	
1.72	1.72	Half cylinder wear	—	EMD part no. 40075177	HALF CYLINDER WEAR		HALF CYLINDER WEAR TO DRG NO 40075177	17453458	II	DLW	Safety	269
1.73	1.73	Spring single coil	—	EMD part no. 40075318, 40090911	SPRING SINGLE COIL		SPRING SINGLE COIL TO DRG NO 40075318	17410060	II	DLW	Safety	264
1.73	1.73	Spring single coil	—	EMD part no. 40075318, 40090911	SPRING SINGLE COIL			17410101	II	DLW	Safety	264
1.73	1.73	Spring single coil	—	EMD part no. 40075318, 40090911	SPRING SINGLE COIL			17410125	II	DLW	Safety	264
1.74	1.74	Bearing adapter with journal bearing	—	DLW part no. 17021170	BRG ADAPTER ASM WITH JOURNAL BEARING (WITHOUT BUSHING TRACTION ROD)			17021170	II	DLW	Safety	252
1.74	1.74	Bearing adapter with journal bearing	—	DLW part no. 17021170	BEARING ADAPTER ASM WELD LT			17021650	II	DLW	Safety	252
1.74	1.74	Bearing adapter with journal bearing	—	DLW part no. 17021170	BEARING ADAPTER ASM WELD RT			17021686	II	DLW	Safety	252
1.75	1.75	Traction Link, primary & secondary	—	EMD part no. 40076440, 40074009	T.M NOSE LINK ASM			17020323	I	DLW	Safety	
1.75	1.75	Traction Link, primary & secondary	—	EMD part no. 40076440, 40074009	TRACTION ROD ASM		40172456	17021637	I	DLW	Safety	
1.75	1.75	Traction Link, primary & secondary	—	EMD part no. 40076440, 40074009	NOSE LINK ASM			17021741	I	DLW	Safety	
1.75	1.75	Traction Link, primary & secondary	—	EMD part no. 40076440, 40074009	LINK MACH TO DRG NO 40076440		40076440	17980951	II	DLW	Safety	
1.76	1.76	Traction motor Gear Case (ALCO) Traction motor Gear Case assembly Kit (EMD	—	Drg. SKDP-3633 (Alt-3) for Top half gear case Drg. SKDP-4071 for bottom half gear case DLW Part No. 17453793	GEAR CASE ASSLY. WITH HARDWARE, FELT SEAL GASKETS AND TPU SEAL (TOP & BOTTOM)		12087841	12087841	I	DLW	Safety	

1.76	1.76	Traction motor Gear Case (ALCO) Traction motor Gear Case assembly Kit (EMD)	–	Drg. SKDP-3633 (Alt-3) for Top half gear case Drg. SKDP-4071 for bottom half gear case DLW Part No. 17453793	GEAR CASE UPPER		40170044	17021870	I	DLW	Safety	
1.76	1.76	Traction motor Gear Case (ALCO) Traction motor Gear Case assembly Kit (EMD)	–	Drg. SKDP-3633 (Alt-3) for Top half gear case Drg. SKDP-4071 for bottom half gear case DLW Part No. 17453793	GEAR CASE LOWER		40170043	17021881	I	DLW	Safety	
1.76	1.76	Traction motor Gear Case (ALCO) Traction motor Gear Case assembly Kit (EMD)	–	Drg. SKDP-3633 (Alt-3) for Top half gear case Drg. SKDP-4071 for bottom half gear case DLW Part No. 17453793	GEAR CASE ASSLY KIT		K-1745012	17453793	I	DLW	Safety	
1.77	1.77	Traction motor Gear Case (ALCO) bolts	DP-201	–	HEX BOLT		EH DP-201	15669233	I	DLW	Safety	
1.77	1.77	Traction motor Gear Case (ALCO) bolts	DP-201	–	BOLT-1 1/8-7 HEX			19980152	I	DLW	Safety	
1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	GEAR WHEEL 65 TEETH CASE CARBURISED		SK.DP-3623	12442860	I	DLW	Safety	183, 184
1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	GEAR WHEEL 74 TEETH,		SK - DP 3546	12442884	I	DLW	Safety	183, 184
1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	GEAR 91 TEETH			17455923	I	DLW	Safety	183, 184
1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	PINION GEAR G4 17		40074147	18440010	I	DLW	Safety	183, 184
1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	BULL GEAR G4 - 90 TEETH		40074148	18440022	I	DLW	Safety	183, 184
1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	PINION GEAR P4 17		10662229	18440034	I	DLW	Safety	183, 184
1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	BULL GEAR P4 77 T ,		10662230	18440046	I	DLW	Safety	183, 184

1.78	1.78	Traction gears & pinions (Case hardened) for ALCo locomotives, Traction gears & pinions (Case hardened) for EMD locomotives	MP-0.2800.17 EMS81 and EMS 157	–	PINION 20 TEETH			18440058	I	DLW	Safety	183, 184
1.79	1.79	Wear Plates between axle Box & Bogie Frame Pedestals	–	SK.VL-057 & 058, DLW Drg.no. TPL-9873, 412V900031	PEDESTAL LINER		412V900031	11123151	I	DLW	Safety	
1.79	1.79	Wear Plates between axle Box & Bogie Frame Pedestals	–	SK.VL-057 & 058, DLW Drg.no. TPL-9873, 412V900031	FACE LINERTO		TPL- 9873	11644023	I	DLW	Safety	
1.80	1.80	Pedestal liners (non-metallic)	–	SK.VL- 474, SK.VL-523	COMPOSITE LINER (END)		TPL-3537	11271152	I	DLW	Safety	
1.80	1.80	Pedestal liners (non-metallic)	–	SK.VL- 474, SK.VL-523	COMPOSITE LINER (MIDDLE)		TPL-3537	11271164	I	DLW	Safety	
1.81	1.81	Wheel	IRS: R-34	EMD part no. 10662497, 40077314	Wheel Mono block Rolled (Rough Machined) for WDM2	IRS R-34 of 2009 with December '11 addendum	RDSO drg. No.D/WL-5060/R	11239426	I	DLW		270
1.81	1.81	Wheel	IRS: R-34	EMD part no. 10662497, 40077314	Wheel Mono block (Rough Machined) for WDG4 locomotives	IRS R-34 of 2009 with December '11 addendum	RDSO drg. no. D/WL-5064/R	17230044	I	DLW		270
1.81	1.81	Wheel	IRS: R-34	EMD part no. 10662497, 40077314	Wheel Mono block Rolled (Rough Machined) for WDP4 locomotives	IRS R-34 of 2009 with December '11 addendum	RDSO drg. No. D/WL-5061/R	17230147	I	DLW		270
1.81	1.81	Wheel	IRS: R-34	EMD part no. 10662497, 40077314	Wheel Mono block Rolled (Rough Machined) for WDG5 locomotives	IRS R-34 of 2009 with December '11 addendum	RDSO drg. no. D/WL-5065/R	17230251	I	DLW		270
1.82	1.82	Wiper Assembly	–	PL no. 11668799 in a kit form, which includes wiper motor part no. 11663200, pantograph part no. 11667084 and control valve part no. 11568501	WIPER APPLICATION KIT (CONSISTING OF 05 ITEMS)			11668799	I	DLW		
1.82	1.82	Wiper Assembly	–	PL no. 11668799 in a kit form, which includes wiper motor part no. 11663200, pantograph part no. 11667084 and control valve part no. 11568501	WIPER MOTOR ASM KIT CONSISTING 04 ITEMS			17454955	I	DLW		

1.82	1.82	Wiper Assembly	–	PL no. 11668799 in a kit form, which includes wiper motor part no. 11663200, pantograph part no. 11667084 and control valve part no. 11568501	WIPER MOTOR ASM KIT CONSISTING OF 05 ITEMS			17454967	I	DLW		
1.83	1.83	Suspension bearing tubes for ALCO locos Suspension bearing tubes for EMD locos (i) Housing bearing kit (consisting 4 items) Suspension bearing tubes for EMD locos (ii) Housing bearing kit (consisting 11 items)	–	DMW drg.-1/DCM/M/TM-398 (Alt-X) DLW Part No. 17454487 DLW Part No. 17454499	SUSPENSION ARRGT. ACCESSORIES KIT OF TM 4907 TZ		DRG NO.EL/PT/0711	12087956	I	DLW	Safety	169, 170
1.83	1.83	Suspension bearing tubes for ALCO locos Suspension bearing tubes for EMD locos (i) Housing bearing kit (consisting 4 items) Suspension bearing tubes for EMD locos (ii) Housing bearing kit (consisting 11 items)	–	DMW drg.-1/DCM/M/TM-398 (Alt-X) DLW Part No. 17454487 DLW Part No. 17454499	SUSPENSION TUBE (MACHINED) SUITABLE FOR TM 4907 BZ OF BHEL MAKE		1/DCW/M/TM-398	12495554	I	DLW	Safety	169, 170
1.83	1.83	Suspension bearing tubes for ALCO locos Suspension bearing tubes for EMD locos (i) Housing bearing kit (consisting 4 items) Suspension bearing tubes for EMD locos (ii) Housing bearing kit (consisting 11 items)	–	DMW drg.-1/DCM/M/TM-398 (Alt-X) DLW Part No. 17454487 DLW Part No. 17454499	HOUSING BEARING MACH.			17250894	I	DLW	Safety	169, 170
1.83	1.83	Suspension bearing tubes for ALCO locos Suspension bearing tubes for EMD locos (i) Housing bearing kit (consisting 4 items) Suspension bearing tubes for EMD locos (ii) Housing bearing kit (consisting 11 items)	–	DMW drg.-1/DCM/M/TM-398 (Alt-X) DLW Part No. 17454487 DLW Part No. 17454499	HOUSING BEARING COMPONENTS KITS (CONSISTING 4 ITEMS)		K-1745036	17454487	I	DLW	Safety	169, 170
1.83	1.83	Suspension bearing tubes for ALCO locos Suspension bearing tubes for EMD locos (i) Housing bearing kit (consisting 4 items) Suspension bearing tubes for EMD locos (ii) Housing bearing kit (consisting 11 items)	–	DMW drg.-1/DCM/M/TM-398 (Alt-X) DLW Part No. 17454487 DLW Part No. 17454499	HOUSING BEARING KIT (CONSISTING 11 ITEMS)		K-1745037	17454499	I	DLW	Safety	169, 170

1.83	1.83	Suspension bearing tubes for ALCO locos Suspension bearing tubes for EMD locos (i) Housing bearing kit (consisting 4 items) Suspension bearing tubes for EMD locos (ii) Housing bearing kit (consisting 11 items)	—	DMW drg.-1/DCM/M/TM-398 (Alt-X) DLW Part No. 17454487 DLW Part No. 17454499	HOUSING BEARING COMPONENTS KITS (CONSISTING 13 ITEMS)			17457117	I	DLW	Safety	169, 170
1.84	1.84	Traction motor armature bearing (ALCO) commutator end- NH320 rivetless & Nu 330 rivetless Pinion end- NH318 rivetless & NU328 rivetless, Traction motor armature bearing for (EMD Locomotives) TM Drive end (DIN 43283-N 332-ECM-SRL 340-370-VA309), TM Non-drive end (DIN 43283-6326-M/C5-VA309), Traction motor suspension bearing for ALCo locomotives (roller type), Traction motor suspension bearing for EMD locomotives	MP.0.2402.03 MP.0.2402.17	DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	RIVETLESS CAGE TM BEARING SKF NU 330 ECMRD/C4/VA301	MP-0.2402.03		12491275	I	DLW	Safety	174, 175, 176
1.84	1.84			DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	RIVETLESS CAGE TM BEARING SKF NH 320 ECMRD/C4/VA301	MP-0.2402.03		12491305	I	DLW	Safety	174, 175, 176
1.84	1.84	Traction motor armature bearing (ALCO) commutator end- NH320 rivetless & Nu 330 rivetless Pinion end- NH318 rivetless & NU328 rivetless, Traction motor armature bearing for (EMD Locomotives) TM Drive end (DIN 43283-N 332-ECM-SRL 340-370-VA309), TM Non-drive end (DIN 43283-6326-M/C5-VA309), Traction motor suspension bearing for ALCo locomotives (roller type), Traction motor suspension bearing for EMD locomotives	MP.0.2402.03 MP.0.2402.17	DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	RIVETLESS CAGE TM BEARING NU 328 (PE)			12495918	I	DLW	Safety	174, 175, 176

1.84	1.84	Traction motor armature bearing (ALCO) commutator end- NH320 rivetless & Nu 330 rivetless Pinion end- NH318 rivetless & NU328 rivetless, Traction motor armature bearing for (EMD Locomotives) TM Drive end (DIN 43283-N 332-ECM-SRL 340-370-VA309), TM Non-drive end (DIN 43283-6326-M/C5-VA309), Traction motor suspension bearing for ALCo locomotives (roller type), Traction motor suspension bearing for EMD locomotives	MP.0.2402.03 MP.0.2402.17	DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	RIVETLESS CAGE TM BEARING NH 318 (CE)			12495920	I	DLW	Safety	174, 175, 176
1.84	1.84			DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	BEARING ASM ROLLER		40072949	17400030	I	DLW	Safety	174, 175, 176
1.84	1.84	Traction motor armature bearing (ALCO) commutator end- NH320 rivetless & Nu 330 rivetless Pinion end- NH318 rivetless & NU328 rivetless, Traction motor armature bearing for (EMD Locomotives) TM Drive end (DIN 43283-N 332-ECM-SRL 340-370-VA309), TM Non-drive end (DIN 43283-6326-M/C5-VA309), Traction motor suspension bearing for ALCo locomotives (roller type), Traction motor suspension bearing for EMD locomotives	MP.0.2402.03 MP.0.2402.17	DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	BEARING ASM ROLLER		40083493	17400053	I	DLW	Safety	174, 175, 176

1.84	1.84	Traction motor armature bearing (ALCO) commutator end- NH320 rivetless & Nu 330 rivetless Pinion end- NH318 rivetless & NU328 rivetless, Traction motor armature bearing for (EMD Locomotives) TM Drive end (DIN 43283-N 332-ECM-SRL 340-370-VA309), TM Non-drive end (DIN 43283-6326-M/C5-VA309), Traction motor suspension bearing for ALCo locomotives (roller type), Traction motor suspension bearing for EMD locomotives	MP.0.2402.03 MP.0.2402.17	DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	DRIVE END CYLIDRICAL ROLLER BEARING			18080121	I	DLW	Safety	174, 175, 176
1.84	1.84	Traction motor armature bearing (ALCO) commutator end- NH320 rivetless & Nu 330 rivetless Pinion end- NH318 rivetless & NU328 rivetless, Traction motor armature bearing for (EMD Locomotives) TM Drive end (DIN 43283-N 332-ECM-SRL 340-370-VA309), TM Non-drive end (DIN 43283-6326-M/C5-VA309), Traction motor suspension bearing for ALCo locomotives (roller type), Traction motor suspension bearing for EMD locomotives	MP.0.2402.03 MP.0.2402.17	DLW Part No. 1740053, EMD Part No. 40083493 and DLW Part No. 1740030, EMD Part No. 40072949	NON DRIVE DEEP GROOVE BALL BEARING			18080133	I	DLW	Safety	174, 175, 176
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Electron Beam Cable size 1.5 mm sq.	EDPS-179	EL/PT/505	12330772	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Electron Beam Cable size 3.0 mm sq.	EDPS-179	EL/PT/505,	12330784	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Electron Beam Cable size 6.0 mm sq.	EDPS-179	EL/PT/505	12330796	I	DLW	Safety	179

1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Electron Beam Cable size 35.0 mm sq.	EDPS-179	EL/PT/505	12330802	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Electron Beam Cable size 95 mm sq.	EDPS-304	DRG. NO- EL/PT/505	12330814	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Electron Beam Cable size 240 mm sq.	DRG. NO- EL/PT/505	Spec. No.EDPS- 304	12330826	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Electron Beam Cable size 300 mm sq.	EL/PT/505	EDPS-304	12330838	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable #2/0 AWG Size 325/24 (0.105)	EDPS-304	DRG. No. 40085782 REF. Drg. No. 9094883	18320510	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable, #16 AWG Size 19/29	EDPS 179	8466844	18330034	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable, #14 AWG Size 37/30	EDPS 179	9094883	18330060	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable,#14 AWG Size 37/30	EDPS 179	9094883	18330071	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable, #12 AWG Size 37/.0133	EDPS 179	9094883	18330083	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable 91/24, #5 AWG	EDPS 179	9094883	18330095	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable, #4/0 AWG Size 550/24	EDPS-304	9094883	18330113	I	DLW	Safety	179

1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable size 775/24 (158.07 sq. mm))	EDPS-304	DRG. No.9094890 REF. Drg. No. 9094883	18330125	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable, #12 AWG, Size 37/.0133	EDPS 179	9094883	18330198	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable, #8 AWG, Size 37/24	EDPS 179	9094883	18330204	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable, # 3AWG, Size 125/24	EDPS-179	9094886	18330216	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable #1 AWG Size 225/24	EDPS-304	DRG. No. 9094887 REF. Drg. No.9094883	18330228	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable size 1325/24	EDPS-304	40015786 REF. Drg. No. 40015785	18330230	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable size 1100/24	EDPS-304	DRG. No. 40038694 REF. Drg. No. 40015785	18330241	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable -2 Conductor, # 20 AWG,	EDPS-179	40019324	18330253	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable-27 Conductor,	EDPS 179	40052869	18330277	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable-3 Conductor, # 12 AWG (Size 37/27)	EDPS-179	40036049	18330289	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable 2- conductor, #14 AWG (Size 37/30) TWT	EDPS 179	40071801	18330290	I	DLW	Safety	179

1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable ,5 Conductor, # 16 AWG (Size19/29), Shielded	EDPS-179	9513207	18330320	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable #4/0 AWG Size 2109/30	EDPS-304	40056040 REF. Drg. No. 40015785	18330344	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable -4 Conductor, Shielded,#16 AWG (Size19/29)	EDPS-179	40023377	18330356	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable -14 Conductor, #16 AWG (Size 19/29),		40059175	18330368	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable-3 Conductor, #18 AWG TWT Size 19/30,	EDPS-179	40036047	18330411	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable 2- conductor, #12 AWG (Size 37/0.0133) TWT	EDPS-179	40071800	18330526	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable size 225/24 (0.105)	EDPS-304	10661360 REF. Drg. No. 9094883	18330800	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Cable-3 Conductor, #16 AWG	EDPS-179	40061670	18330939	I	DLW	Safety	179
1.85	1.85	Fluoro-elastomeric cables Electron Beam irradiation control Cables Electron Beam irradiation Power Cables	MP.0.52.00.08 EDPS 179 EDPS 304	-	Fluoro Elatomeri cables	MP.0.52.00.0 8		18330940	I	DLW	Safety	179
2.1	1	Air and vacuum brake equipment including air dryers and panel mounted brake system	As per OEMs Specification	As per OEMs drawing	Heatless Twin tower Air Dryer with filter and Auto drain v/v (GM type) for WAG7/P4	MP.0.01.00.0 6 (Rev 5) March 2011		25186619	I	CLW	Safety	
2.1	1	Air and vacuum brake equipment including air dryers and panel mounted brake system	As per OEMs Specification	As per OEMs drawing	Twin tower air dryer for WAG9/P7/P5	MP.0.01.00.0 6 (Rev 4) July 2009		29162051	I	CLW	Safety	

2.1	1	Air and vacuum brake equipment including air dryers and panel mounted brake system	As per OEMs Specification	As per OEMs drawing	E-70 brake equipment & panel mounted brake system for WAG9/P7	CLW/MS/3/001 ALT-12		29180016	I	CLW	Safety	
2.1	1	Air and vacuum brake equipment including air dryers and panel mounted brake system	As per OEMs Specification	As per OEMs drawing	E-70 brake equipment & panel mounted brake system for WAP5	CLW/MS/10/031 ALT-5		29185002	I	CLW	Safety	
2.2	2	Assemblies, sub-assemblies for air and vacuum brake system including various equipments valves, accessories and their maintenance spares for conventional locomotives	As per OEMs Specification	As per OEMs drawing	A-9 Brake valve with handle for WAG7/P4	O/2/65/243 ALT 1	WABCO 564140-42 USA	25160072	I	CLW	Safety	
2.2	2	Assemblies, sub-assemblies for air and vacuum brake system including various equipments valves, accessories and their maintenance spares for conventional locomotives	As per OEMs Specification	As per OEMs drawing	SA-9 Brake valve with handle for WAG7/P4	O/2/65/218 Alt.1	WABCO 564141-43 USA	25160084	I	CLW	Safety	
2.3	3	Air flow indicator and its spares	MP-1412/88	SKDP-3523 & 3533	Air flow indicator gauge for WAG7/P4		1209-18-306-183 (FF 4154 T-1)	25160280	I	CLW	Safety	1.0 Sec-B
2.4	4	Air flow measuring valve and its spares	MP-1412/88	SKDP-2705				25169580	I	CLW	Safety	
2.5	5	Axle	IRS R-43/92	-	Axle for WAP4	IRS R-43-92	03/2/11/55 alt.1	25010669	I	CLW	Safety	
2.5	5	Axle	IRS R-43/92	-	Axle for WAG7	IRS R-43-92	06/2/11/2 alt.2	25010670	I	CLW	Safety	
2.5	5	Axle	IRS R-43/92	-	Axle for WAG9/P7	IRS R-43-92	1209-01-011-002 Alt.2	29050042	I	CLW	Safety	
2.5	5	Axle	IRS R-43/92	-	Axle for WAP5	IRS R-43-92	1210-01-311-025	29050091	I	CLW	Safety	
2.6	6	Locomotive wheel	IRS R-34 ,April 09	—	LOCO WHEEL For WAG7/WAP4	IRS R-34/03	RDSO'S D/WL-4948/R ALT-20 (01/1/11/17, ALT-21)	25050102	I	CLW	Safety	
2.6	6	Locomotive wheel	IRS R-34 ,April 09	—	LOCO WHEEL For WAG9/WAP7	IRS R-34-09	1209-01-111-003 alt.2	29050054	I	CLW	Safety	
2.6	6	Locomotive wheel	IRS R-34 ,April 09	—	LOCO WHEEL For WAP5	IRS R-34-09	1210-01.111-003 alt.4	29050080	I	CLW	Safety	

2.7	7	Axle box roller bearing assembly, axle box and assembly components for WAM, WAP, WAG, WCAM, class of AC, DC, AC/DC conventional locomotives Axle box bearing for 3-phase locomotives WAP5, WAG9/WAP7	MP.0.3600-01	TBU-150 CRU-150 RB 5080	Axle box assly with R/Brg. for WAP4	M/EL/30/9,A LT-2	03/1/11/7, alt 6	25010270	I	CLW	Safety	12 SecA
2.7	7	Axle box roller bearing assembly, axle box and assembly components for WAM, WAP, WAG, WCAM, class of AC, DC, AC/DC conventional locomotives Axle box bearing for 3-phase locomotives WAP5, WAG9/WAP7	MP.0.3600-01	TBU-150 CRU-150 RB 5080	Axle box assly with R/Brg. for WAG7	M/EL/30/8,A LT-3		25010682	I	CLW	Safety	12 SecA
2.7	7	Axle box roller bearing assembly, axle box and assembly components for WAM, WAP, WAG, WCAM, class of AC, DC, AC/DC conventional locomotives Axle box bearing for 3-phase locomotives WAP5, WAG9/WAP7	MP.0.3600-01	TBU-150 CRU-150 RB 5080	CRU 150 for WAG9/P7	1209-01.311- 061 Alt.1		29010020	I	CLW	Safety	12 SecA
2.7	7	Axle box roller bearing assembly, axle box and assembly components for WAM, WAP, WAG, WCAM, class of AC, DC, AC/DC conventional locomotives Axle box bearing for 3-phase locomotives WAP5, WAG9/WAP7	MP.0.3600-01	TBU-150 CRU-150 RB 5080	Axle box bearing(Tapper Roller Bearing) for WAP5	IA016-01494 Rev.2		29010032	I	CLW	Safety	12 SecA
2.8	8	Axle Box Housing with Grease Nipple (without bearing) for conventional locos Axle Box complete without bearing for 3-phase locos	CLW/MS/3/003 Alt.5 1209-01.III-005A2 1209-01.III-008A1 1209-01.III-007A1 (For WAG9/WAP7)	IA011-00131/132/133/135 (For WAP5)	Axle Box compl. Without Roller Unit for WAG9/P7	CLW/MS/03/ 0003 Alt.5		29010044	III	CLW	Safety	
2.8	8	Axle Box Housing with Grease Nipple (without bearing) for conventional locos Axle Box complete without bearing for 3-phase locos	CLW/MS/3/003 Alt.5 1209-01.III-005A2 1209-01.III-008A1 1209-01.III-007A1 (For WAG9/WAP7)	IA011-00131/132/133/135 (For WAP5)	Axle Box comp. without brg. for WAP5	IA011-00131, 00132, 00133, 00135		29015005	III	CLW		
2.9	9	Bonded rubber sandwich mounting for TAO-659 & HS-15250 TM	R-49-75 amendment 1 & 2	OEM's Drawing	Sandwich rubber mounting for HS-15250TM	R-49-75 amendment 1 & 2	RDSO'S SKDL-2126 ALT 2	25102126	III	CLW	Safety	
2.10	10	Holder for TM suspension for 6FRA 6068 TMs	–	IB011-00193	Holder for TM suspension for 6FRA 6068 TMs	1209-01.118-002 Alt.2	IB011-00193	29100150	III	CLW	Safety	
2.11	11	L type composite brake block	MPO.01.00-04	Drg.No.SKDP 3650 Alt 1				25149155	I	CLW	Safety	

2.12	12	Cast iron brake block	M&C/MTD/101/94 alongwith corrigendum & Addendum slip of Jan, 2001	—				25149167	I	CLW	Safety	
2.13	13	Brake block key						25149179	III	CLW	Safety	
2.14	14	Brake hanger, levers and slack adjuster for conventional locos	06/1/19/108, Alt 2 (WAG 7) 03/1/19/36, Alt.6 (WAP4) 03/1/19/36, Alt.6 (WAP4) 03/1/19/36, Alt.6 (WAP4)	—				25149180	III	CLW	Safety	
2.15	15	Buffer assy and its spare for WAP-5, WAG-9 and latest stock of WAP-4 and WAG-7 locomotives	—	WA/BD-211	Loco Side Buffer for WAG9/P7/P5/G7/P4		SKDL 4561 Alt-1	25130353	II	CLW	Safety	
2.16	16	Cattle guard alongwith bolt for conventional locos	—	SKDL 4131	Cattle guard For WAG7		05/1/62/44 ALT-12	25120050	III	CLW	Safety	
2.16	16	Cattle guard alongwith bolt for conventional locos	—	SKDL 4131	Cattle guard For WAP4		03/1/62/83 ALT-6 03/1/62/84,Alt.7	25120104	III	CLW	Safety	
2.17	17	Cattle guard for WAP5/ WAG-9/ WAP7 locos	—	OEM's Drg. No.IB 021- 0048, ELS/GZB's Drg. No.65/WAP-5/ABB/99 Alt 1	Cattle guard For WAG9/P7	CLW/MS/3/1 07 Alt.5		29120184	III	CLW	Safety	
2.17	17	Cattle guard for WAP5/ WAG-9/ WAP7 locos	—	OEM's Drg. No.IB 021- 0048, ELS/GZB's Drg. No.65/WAP-5/ABB/99 Alt 1	Cattle guard For WAP5	CLW/MS/3/1 07 Alt.5		29125066	III	CLW	Safety	
2.18	18	Rubber bush assembly for Centre pivot	WAG2-78, 06/2/15/49 Alt Nil	SKVL-28 SKVL-28A SKVL-127	Rubber bush assembly for Centre pivot	WAG2-78, 06/2/15/49 Alt Nil	SKVL-28 SKVL-28A SKVL-127	25103210	III	CLW	Safety	
2.19	19	Center pivot liner	MP.0.40.99.02 (Rev 1) oct 12	SKDL-3255				25109807	I	CLW	Safety	
2.20	20	Center pivot assembly	06/2/31/106, Alt	OEM's drawing	Center pivot assembly	06/2/31/106, Alt.1	OEM's drawing, 06/2/31/106 ALT 1	25120566	III	CLW	Safety	
2.21	21	Conical thrust pad	IRS R63-76	SKDL-2308, 2309				25018097	I	CLW	Safety	
2.22	22	Equalising beams assy long and short for WAM4 / WAG5/ WCAM3/WCAG1 locos and Compensating/Equalising beam for WAG7 locos including spring seat	—	SKVL 178	Equalising spring seat for WAG7 locos	06/3/15/63 Alt-NIL		25100166	III	CLW	Safety	C-1,secB-9
2.23	23	Spring seat Assembly for WAM4 & WAG5 locos						25109819	III	CLW	Safety	
2.24	24	Pins and bushes for equalizer and compensating beam for conventional locos						25109820	III	CLW	Safety	

2.25	25	Fabricated bogie frames and bolster assembly	VL Spec-6, Rev '02' of April 2011	–	BOLSTER ASSEMBLY for WAG7	VL-SPEC 6(REV-02)APRIL 2011	SKVL-207 ALT1	25103167	II	CLW	Safety	
2.25	25	Fabricated bogie frames and bolster assembly	VL Spec-6, Rev '02' of April 2011	–	Bogie frame Assly for WAG7	VL-SPEC 6	06/1/12/78 Alt6, 06/1/12/79 Alt2, 06/1/12/49 Alt1	25105012	II	CLW	Safety	
2.25	25	Fabricated bogie frames and bolster assembly	VL Spec-6, Rev '02' of April 2011	–	Machined Bogie frame Assly for WAP4	MP.0.4900.04	03/1/12/38 Alt3, 03/1/12/39 Alt1, 03/1/12/18 Alt10	25105024	II	CLW	Safety	
2.25	25	Fabricated bogie frames and bolster assembly	VL Spec-6, Rev '02' of April 2011	–	Bogie frame Assly. for WAG9		IB011-00277 Alt.2	29100422	II	CLW	Safety	
2.26	26	Assemblies/sub assemblies, components and its spares for items contained in B.G. trimount bogie for conventional locos.						25109832	III	CLW	Safety	
2.27	27	LED based Flasher light for Electrical Locomotives	ELRS/SEC/LFL/0017/Rev'1' of Sept.04	–	LED based Flasher light for Electrical Locomotives	ELRS/SEC/LFL/0017/Rev'1' of Sept.04		25611215	I	CLW	Safety	
2.28	28	Pressure switch, Magnet valve and spares for AC indication assembly	MCS-11 (Knorr make) RT-116 Y (P1&P2) (Indfoss make) Type SR-3278 NW 20/25 110VDC	–	Pressure Switch (QPDJ)		CLW/ES/S-24/J	25700704	I	CLW	Safety	
2.28	29	Hand brake assy for conventional locos	CLW's Spec.No.A4/TES/799.002 Alt.3, A4/TES/795.003 Alt.2	CLW's Drg. No.01/0/59/1 Alt 8	Magnet valve	MCS-11(KNORR MAKE)	CLW/LS/M. 2/1	25870014	I	CLW	Safety	
2.29	29	Hand brake assy for conventional locos	CLW's Spec.No.A4/TES/799.002 Alt.3, A4/TES/795.003 Alt.2	CLW's Drg. No.01/0/59/1 Alt 8	Hand brake assy for conventional locos	CLW's Spec.No. A4/TES/799.002 Alt.3, A4/TES/795.003 Alt.2	CLW's Drg. No.01/0/59/1 Alt 8	25140050	III	CLW	Safety	
2.30	30	Parking brake for WAP-5/ WAG-9/WAP7 locomotives	–	As per OEM's Drawings				29169288	I	CLW	Safety	
2.31		Head light –Electric Locomotives Twin Beam Type	ELRS/SPEC/PR/0024(Rev 1) Sep, 04	–	Head light twin beam for WAG7/P4	ELRS/SPEC/PR/0024(Rev 1) Sep, 04		25616122	I	CLW	Safety	

2.32		DC-DC converter for Twin beam head light	ELRS/SPEC/DC-DC Converter/ 0021(Rev.1) Sep,04	–	DC-DC converter for Conventional locos	ELRS/SPEC/DC-DC Converter/ 0021(Rev.1) Sep,04		25740507	I	CLW	Safety	
2.33	33	High capacity draft gear and its spares	49-BD-08	WD.81010 - S-03 Alt '9'				25149210	II	CLW	Safety	
2.34	34	High tensile transition CBC with transition screw coupling assy & its components for BG loco	49-BD-08	WD.81010 - S-03 Alt '9'	High tensile transition CBC with transition screw coupling assy & its components for BG loco	56-BD-97, 56-BD-07& 49-BD-08	SKDL 3430, 508	25130201	II	CLW	Safety	6
2.35	35	Horn assy high & low tone and its spares	56-BD-97 with amend no. 1 of Sep,2010	SKDL 3430	PN Horn HT for WAG7/P4	WSF.PT.NO. IC-70010/3	0/2/65/109 Alt.3	25163206	III	CLW	Safety	
2.35	35	Horn assy high & low tone and its spares	56-BD-97 with amend no. 1 of Sep,2010	SKDL 3430	PN Horn LT for WAG7/P4	WSF.PT.NO. IC-70010/4	0/2/65/109 Alt.3	25163306	III	CLW	Safety	
2.36	36	Look out glass including gasket	–	–	Wind Screen for WAG9/P7/P5/G7/P4	CLW/MS/3/0 27 Alt.6	1209-08.130-263 Alt.3	29170291	III	CLW	Safety	
2.37	37	LED based Marker light-Electric Locomotives	RDSO Specn.No. ELPS/SPEC PR/0022(Rev.1) of Oct.04	–	LED based Marker light-Electric Locomotives	RDSO Specn. No.ELPS/SPEC PR/0022 (Rev.1) of Oct.04		25611198	I	CLW	Safety	
2.38	38	Pressure and vacuum gauges(Elec. Loco)	0/2/65/403 Alt.2 0/2/65/293 Alt.2	–	4” Duplex Pressure Gauge for WAG7/P4	MPTP-14 July 2000	SKDP-3509 Alt.3	25160187	III	CLW	Safety	
2.39	39	Rubber side stopper	IS 5192 type 'B' G-4, 06/2/15/47 Alt.2	–	Rubber side stopper for WAG7	IS 5192 type 'B' G-4, 06/2/15/47 Alt.2	06/3/15/47 ALT 2	25105085	III	CLW	Safety	
2.40	40	Safety brackets						25109844	III	CLW	Safety	
2.41	41	Side bearer (secondary rubber springs)	VL-03, SPR.No-VL-02	–	Side bearer (secondary rubber springs) for WAG7	VL-03, SPR.No-VL-02	SKDL VL 127	25103222	III	CLW	Safety	
2.42	42	Snubber assy and its spares						25149192	I	CLW	Safety	
2.43	43	Microprocessor based Energy cum Speed Monitoring unit for electric locomotives (ESMON)	ELRS/SPEC/ SPM/0002, Rev 2, June 2004	–	Speedometer (Microprocessor) for WAG7/P4	ELRS/SPEC/ SPM/0002, Rev 2, June 2004 with Amnd. 1 to 6		25201001	I	CLW	Safety	C-1,secA-8
2.43	43	Microprocessor based Energy cum Speed Monitoring unit for electric locomotives (ESMON)	ELRS/SPEC/ SPM/0002, Rev 2, June 2004	–	Speedometer complete for WAG9/P7/P5	ELRS/SPEC/ SPM/0002, Rev 2, June 2004 with Amnd. 1 to 6		29200040	I	CLW	Safety	C-1,secA-8

2.44	44	Microprocessor based control and fault diagnostic system for electric locomotives	ELRS/SPEC/MPC/FDS/001/Rev'2' August 2005	–	Microprocessor based control and fault diagnostic system for electric locomotives for WAG7/P4	ELRS/SPEC/MPC/FDS/001/Rev'2' August 2005		25617011	I	CLW	Safety	C-1,secA-9
2.45	45	Axle cap/suspension tube and assembly components along with bolts for conventional and 3 phase locos A) Plain sleeve suspension bearing B) suspension bearing for HA/TAO TM	4 TWD-095-089, Alt.-3	–	Suspension tube for HTM		10P701-898Alt-8	25606475	III	CLW	Safety	
2.45	45	Axle cap/suspension tube and assembly components along with bolts for conventional and 3 phase locos A) Plain sleeve suspension bearing B) suspension bearing for HA/TAO TM	4 TWD-095-089, Alt.-3	–	Motor Suspension Unit for WAG9/P7/P5	CLW/MS/3/201Alt-2	1209-01.111-004, 1209-01.011-018	29100288	III	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Primary Spring (Inner) for WAG7	MP.0.4900.12 Rev 01 of July, 08	SKVL-037 Alt.5	25040030	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Primary Spring (Outer) for WAG7	MP.0.4900.12 Rev 01 of July, 08	SKVL-039 Alt.5	25040042	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Primary Spring for WAP4	MP.0.4900.12 Rev 01 of July, 08	SKDL-3472 Alt.6	25040066	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Secondary spring for WAP4	MP.0.4900.12 Rev 01 of July, 08	SKDL-3473 Alt.7	25040078	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Secondary Spring for WAP7	CLW/MS/3/08 Alt.5	1209.01.115-010 Alt.1	29040048	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Primary Spring (end axle) for WAP7	CLW/MS/3/08 Alt.5	1209.01.115-008 Alt.1	29041016	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Primary Spring (mid outer) for WAP7	CLW/MS/3/08 Alt.5	1209.01.115-009 Alt.1	29041028	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Primary Spring (mid inner) for WAP7	CLW/MS/3/08 Alt.5	1209.01.115-009 Alt.1	29041030	I	CLW	Safety	
2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Set of Spring for WAG9H	CLW/MS/3/08 Alt.5	IB011-00842003, IB011-00842-001, IB011-00843003, IB011-00843-001	29041041	I	CLW	Safety	

2.46	46	Suspension coil springs for conventional and 3 phase locos	Specs No.MP.0.4900.12 Rev 02 of Nov, 12	–	Set of Spring for WAP5	CLW/MS/10/006 Alt.3	1210-01.115-007Alt.1 12010-01.015-010 Alt.1	29045022	I	CLW	Safety	
2.47	47	TBU Assy for WAG7 TBU Assy for WAG8	MP.0.99.00.05 May-94	–	Complete Brake Gear Arrangement for WAG7/P7		06-1-19-108.Alt-4 sheet-1 & 06-2-19-108Alt.Nil Sheet.2	25140103	III	CLW	Safety	
2.47	47	TBU Assy for WAG7 TBU Assy for WAG8	MP.0.99.00.05 May-94	–	Complete Brake Gear Arrangement for WAP4		03-1-19-36 Alt.16, 03-1-19-37 Alt.5, 03-1-19-38 Alt.6, 03-3-19-118Alt.1	25140115	III	CLW	Safety	
2.47	47	TBU Assy for WAG7 TBU Assy for WAG8	MP.0.99.00.05 May-94	–	Trade Brake Arrangement for WAG9		IA011-00203 Alt.1	29161228	III	CLW	Safety	
2.48	48	Disc brake for WAP-5	–	As per OEMs "Drawing"	Disc brake Arrangement for WAP5		IA01100154 sheet No.1&2, As per OEMs "Drawing",	29185014	III	CLW	Safety	
2.49	49	Three axle CO-CO cast steel trimount and Flexicoil bogie frame for BG loco	MP.0.4900.04 Rev 1 of October, 04	SKDL 3812 & 3813				25128577	II	CLW	Safety	
2.50	50	Tie bar assembly for WAG-7	–	SKVL-149				25149209	III	CLW	Safety	
2.51	51	Traction Motor gear case and mounting bolts (a) Hitachi TM (CLW's No.) (b) TAO 659 TM (C) Mounting Bolts	–	–	Mounting Bolts for gear case of HTM		4T.CLW/TM/Hitachi/152 50A Alt.2	25013106	III	CLW	Safety	
2.51	51	Traction Motor gear case and mounting bolts (a) Hitachi TM (CLW's No.) (b) TAO 659 TM (C) Mounting Bolts	–	–	Gear Case HTM		05/1/13/168 ALT 15	25100348	III	CLW	Safety	
2.52	52	Traction motor gear case bolts						25308786	III	CLW	Safety	
2.53	53	TM Gear case for WAP7/WAG9 locos TM Gear case for WAP5 locos	–	1209-01.019-014 Alt.7 OEM Drg. NO	TM Gear case For WAG9/P7		1209-01.019-014 Alt.7,	29030018	I	CLW	Safety	
2.53	53	TM Gear case for WAP7/WAG9 locos TM Gear case for WAP5 locos	–	1209-01.019-014 Alt.7 OEM Drg. NO	TM Gear Case for WAP5		1210-01.113 004, OEM Drg. NO	29030134	III	CLW	Safety	

2.54	54	Bearings for Aluminium gear case of WAP5 locos	—	OEM Drg. No.	Bearing for Main & Int. gear for WAP5		1210-01.311-021, 1210-01.411-022, 1210-01.411-023,	29030160	I	CLW	Safety	C-1,secA-13
2.55	55	Traction motor pinion and axle gear wheels for conventional Electric Locomotives 16 teeth pinion of WAG 7 65 teeth gear of WAG 7 23 teeth WAP 4 pinion 58 teeth WAP 4 gear TAO TM 15 teeth pinion TAO TM 62 teeth gear TAO TM 17 teeth pinion TAO TM 77 teeth gear TAO TM 21 teeth pinion TAO TM 58 teeth gear Hitachi TM 64 teeth gear Hitachi TM 18 teeth pinion	Specification No. MP-0.2800.09 Rev.2 of June. 2005	—	Gear 58 T for WAP4	MP0.2800.09 REV2 OF JUNE 2005	03/1/11/45 ALT-5	25420010	II	CLW	Safety	
2.55	55	Traction motor pinion and axle gear wheels for conventional Electric Locomotives 16 teeth pinion of WAG 7 65 teeth gear of WAG 7 23 teeth WAP 4 pinion 58 teeth WAP 4 gear TAO TM 15 teeth pinion TAO TM 62 teeth gear TAO TM 17 teeth pinion TAO TM 77 teeth gear TAO TM 21 teeth pinion TAO TM 58 teeth gear Hitachi TM 64 teeth gear Hitachi TM 18 teeth pinion	Specification No. MP-0.2800.09 Rev.2 of June. 2005	—	Gear 65 T for WAG7	MP0.2800.09 REV2 OF JUNE 2005	SKDL 4372ALT 4	25420100	II	CLW	Safety	

2.55	55	Traction motor pinion and axle gear wheels for conventional Electric Locomotives 16 teeth pinion of WAG 7 65 teeth gear of WAG 7 23 teeth WAP 4 pinion 58 teeth WAP 4 gear TAO TM 15 teeth pinion TAO TM 62 teeth gear TAO TM 17 teeth pinion TAO TM 77 teeth gear TAO TM 21 teeth pinion TAO TM 58 teeth gear Hitachi TM 64 teeth gear Hitachi TM 18 teeth pinion	Specification No. MP-0.2800.09 Rev.2 of June. 2005	—	Pinion 16 T for WAG7	MP0.2800.09 REV2 OF JUNE 2005	RDSO'S SKDL 4373 ALT D	25420150	II	CLW	Safety	
2.55	55	Traction motor pinion and axle gear wheels for conventional Electric Locomotives 16 teeth pinion of WAG 7 65 teeth gear of WAG 7 23 teeth WAP 4 pinion 58 teeth WAP 4 gear TAO TM 15 teeth pinion TAO TM 62 teeth gear TAO TM 17 teeth pinion TAO TM 77 teeth gear TAO TM 21 teeth pinion TAO TM 58 teeth gear Hitachi TM 64 teeth gear Hitachi TM 18 teeth pinion	Specification No. MP-0.2800.09 Rev.2 of June. 2005	—	Pinion 23 T for WAP4	MP0.2800.09 REV2 OF JUNE 2005	03/1/11/46 ALT-3	25420203	II	CLW	Safety	
2.56	56	TM gear case pinion and gear teeth for 3 phase locos (65:35:17 for WAP5, 107/77 teeth gear and 21/15 teeth pinion for WAG9, and 72 teeth gear & 20 teeth pinion for WAP7 locos	MPO 2800.19, Rev 0.00	IA 011-00230 Rev. G IA011-00231 Rev F IA011-00232 Rev I IB011-00270 SKDL3474	Pinion 20 teeth for WAP7		SKDP-3473 Alt.3	29420039	III	CLW	Safety	
2.56	56	TM gear case pinion and gear teeth for 3 phase locos (65:35:17 for WAP5, 107/77 teeth gear and 21/15 teeth pinion for WAG9, and 72 teeth gear & 20 teeth pinion for WAP7 locos	MPO 2800.19, Rev 0.00	IA 011-00230 Rev. G IA011-00231 Rev F IA011-00232 Rev I IB011-00270 SKDL3474	Gear 72 teeth for WAP7		SKDP-3474 Alt.3	29420040	III	CLW	Safety	

2.56	56	TM gear case pinion and gear teeth for 3 phase locos (65:35:17 for WAP5, 107/77 teeth gear and 21/15 teeth pinion for WAG9, and 72 teeth gear & 20 teeth pinion for WAP7 locos	MPO 2800.19, Rev 0.00	IA 011-00230 Rev. G IA011-00231 Rev F IA011-00232 Rev I IB011-00270 SKDL3474	Pinion 21 teeth for WAG9		SKDP-3847	29420052	III	CLW	Safety	
2.56	56	TM gear case pinion and gear teeth for 3 phase locos (65:35:17 for WAP5, 107/77 teeth gear and 21/15 teeth pinion for WAG9, and 72 teeth gear & 20 teeth pinion for WAP7 locos	MPO 2800.19, Rev 0.00	IA 011-00230 Rev. G IA011-00231 Rev F IA011-00232 Rev I IB011-00270 SKDL3474	Gear 107 teeth for WAG9		SKDP-3848	29420064	III	CLW	Safety	
2.56	56	TM gear case pinion and gear teeth for 3 phase locos (65:35:17 for WAP5, 107/77 teeth gear and 21/15 teeth pinion for WAG9, and 72 teeth gear & 20 teeth pinion for WAP7 locos	MPO 2800.19, Rev 0.00	IA 011-00230 Rev. G IA011-00231 Rev F IA011-00232 Rev I IB011-00270 SKDL3474	Gear 67 teeth for WAP5		IA011-230 Rev.G	29425037	III	CLW	Safety	
2.56	56	TM gear case pinion and gear teeth for 3 phase locos (65:35:17 for WAP5, 107/77 teeth gear and 21/15 teeth pinion for WAG9, and 72 teeth gear & 20 teeth pinion for WAP7 locos	MPO 2800.19, Rev 0.00	IA 011-00230 Rev. G IA011-00231 Rev F IA011-00232 Rev I IB011-00270 SKDL3474	Intermediate gear 35 teeth for WAP5		IA011-231 Rev.F	29425074	III	CLW	Safety	
2.56	56	TM gear case pinion and gear teeth for 3 phase locos (65:35:17 for WAP5, 107/77 teeth gear and 21/15 teeth pinion for WAG9, and 72 teeth gear & 20 teeth pinion for WAP7 locos	MPO 2800.19, Rev 0.00	IA 011-00230 Rev. G IA011-00231 Rev F IA011-00232 Rev I IB011-00270 SKDL3474	Pinion 17 teeth for WAP5		IA011-232 Rev.I	29425141	III	CLW	Safety	
2.57	57	Gear in two halves	—	CLW's Drg. No. ITWD.092.130 05/2/11/12 Alt. 3				25428160	III	CLW	Safety	
2.58	58	Wear plates (between axle box and bogie grame)	IRS R-65-78	—	WEAR PLATE (C&D No. R211/983)	IRS R-65-78	03/4/12/43, ALT NIL	25100660	III	CLW	Safety	
2.58	58	Wear plates (between axle box and bogie grame)	IRS R-65-78	—	WEAR PLATE (C&D No.R211/989)	IRS R-65-78	03/4/12/46, ALT NIL	25100671	III	CLW	Safety	
2.58	58	Wear plates (between axle box and bogie grame)	IRS R-65-78	—	WEAR PLATE (C&D No.R 211/984)	IRS R-65-78	03/4/12/42, ALT NIL	25100683	III	CLW	Safety	
2.58	58	Wear plates (between axle box and bogie grame)	IRS R-65-78	—	WEAR PLATE (C&D No.R211/990)	IRS R-65-78	03/4/12/47, ALT NIL	25100695	III	CLW	Safety	
2.58	58	Wear plates (between axle box and bogie grame)	IRS R-65-78	—	WEAR PLATE (C&D No.R211/991)	IRS R-65-78	03/4/12/48, ALT NIL	25100701	III	CLW	Safety	

2.59	59	Wiper assy for conventional locos Wiper assy for three phase locos	CLW/AC/163/ CLW/MS/3050A	–	Wiper assy for WAG9/P7/P5/G7/P4	CLW/MS/3/0 50 ALT.6		29162026	III	CLW	Safety	
2.60	60	Traction motor shaft. (a) Hitachi TRACTION MOTOR (b) TAO 659 TRACTION MOTOR (c) Three phase locomotive Traction Motors	3TWD.096.073,Alt.4 4 TMS.096.05, Alt.3 3 TWD.097.005 4 TMS.096.051, Alt 3	Alsthom Drg.No. TR 6025200 (material EN25 to BS970/SKEL 4415 Alt.I& RDSO Modification sheet No.RDSO/WAM4/ 198 of Sept.97 (TAO-659 TM)	Hitachi TM Armature shaft (Rough machined)	4 TMS.095.00 5 Rev 0.00 Alt 1	3TWD.095.0 10,Alt.9	25606748	III	CLW	Safety	
2.61	61	TM Armature bearings and suspension bearings (a) Hitachi TM PE bearing Hitachi TM CE bearing (b) Taper roller suspension bearing on gear wheel/non gear wheel end (c) TAO TM Armature bearings CE Side PE Side	Type NU-330 Type NH-324 Type NH 318 Type NU 328	As per OEM catalogue	Hitachi TM PE bearing, Type NU-330	SUJ.2 to JIS: G4805	10S.778.707 Alt 1	25605422	I	CLW	Safety	3.1,C-III
2.61	61	TM Armature bearings and suspension bearings (a) Hitachi TM PE bearing Hitachi TM CE bearing (b) Taper roller suspension bearing on gear wheel/non gear wheel end (c) TAO TM Armature bearings CE Side PE Side	Type NU-330 Type NH-324 Type NH 318 Type NU 328	As per OEM catalogue	Hitachi TM CE bearing, Type NH-324	SUJ.2 to JIS: G4805	10S.778.708 Alt 1	25605434	I	CLW	Safety	3.1,C-III

2.61	61	TM Armature bearings and suspension bearings (a) Hitachi TM PE bearing Hitachi TM CE bearing (b) Taper roller suspension bearing on gear wheel/non gear wheel end (c) TAO TM Armature bearings CE Side PE Side	Type NU-330 Type NH-324 Type NH 318 Type NU 328	As per OEM catalogue	Taper roller suspension bearing(RWE) M349547-M349510		10R812.077 Alt.A	25605446	I	CLW	Safety	3.1,C-III
2.61	61	TM Armature bearings and suspension bearings (a) Hitachi TM PE bearing Hitachi TM CE bearing (b) Taper roller suspension bearing on gear wheel/non gear wheel end (c) TAO TM Armature bearings CE Side PE Side	Type NU-330 Type NH-324 Type NH 318 Type NU 328	As per OEM catalogue	Taper roller suspension bearing(GWE) M249747-M249710		10R812.078 Alt.A	25605458	I	CLW	Safety	3.1,C-III
2.62	62	TM suspension bearing oil pump	—	CLW's Drg. No. ITWD.092.130				25538135	III	CLW	Safety	
2.63	63	TM bearing and suspension tube bearing for 3 phase locos (a)TM type 6FRA6068 (WAG9/WAP7) (b)TM type 6FXA7059 (WAP5) (C)Suspension tube bearings for WAG9/WAP7	TM bearing and suspension tube bearing for 3 phase locos (a)TM type 6FRA6068 (WAG9/WAP7) (b)TM type 6FXA7059 (WAP5) (C)Suspension tube bearings for WAG9/WAP7		TM bearing for FRA6068, NU2236E/C4 & NH 320			29030020	I	CLW	Safety	

2.63	63	TM bearing and suspension tube bearing for 3 phase locos (a)TM type 6FRA6068 (WAG9/WAP7) (b)TM type 6FXA7059 (WAP5) (C)Suspension tube bearings for WAG9/WAP7	TM bearing and suspension tube bearing for 3 phase locos (a)TM type 6FRA6068 (WAG9/WAP7) (b)TM type 6FXA7059 (WAP5) (C)Suspension tube bearings for WAG9/WAP7		TM bearing for FXA7059, NU224ECM/C4VA301 & NH 219, NV1964+ NH 1044.			29030031	I	CLW	Safety	
2.63	63	TM bearing and suspension tube bearing for 3 phase locos (a)TM type 6FRA6068 (WAG9/WAP7) (b)TM type 6FXA7059 (WAP5) (C)Suspension tube bearings for WAG9/WAP7	TM bearing and suspension tube bearing for 3 phase locos (a)TM type 6FRA6068 (WAG9/WAP7) (b)TM type 6FXA7059 (WAP5) (C)Suspension tube bearings for WAG9/WAP7		Suspension tube bearings for WAG9/P7 DE (NU1964M1A.C4) & NDE (NJ1044.566185 + HJ1044.F55)	CLW/MS/3/032 Alt.3	CLW DRG.NO. 1209-01-411-020& 1209-01-411-021. ABB DRG. NO. IB 012-00752 & IB 012-00584.	29030110	I	CLW	Safety	
2.64	64	Earth Return Brush/Brush Assy. for conventional and 3 phase locos For TAO 659 For HA TM For three phase locos	—	—	Earth return brush For HTM	3TWD.095.106		25621040	III	CLW	Safety	
2.64	64	Earth Return Brush/Brush Assy. for conventional and 3 phase locos For TAO 659 For HA TM For three phase locos	—	—	Earth Return carbon brush for WAG9/P7/P4		HBTB585623R4121	29620016	III	CLW	Safety	
2.65	65	Traction Motor Inspection Cover TAO TM Hitachi TM	SKEL-4481 & Part Drg. No.4478/4479 & 4480 Mod. Sheet No. WAG-5/33 of Sept.98 SKEL-4489 & MS No.0215	—	Inspection Cover Assly.	10Q.738.283 Alt C		25606839	III	CLW	Safety	
2.65	65	Traction Motor Inspection Cover TAO TM Hitachi TM	SKEL-4481 & Part Drg. No.4478/4479 & 4480 Mod. Sheet No. WAG-5/33 of Sept.98 SKEL-4489 & MS No.0215	—	Inspection Cover	10S813.666 Alt B		25606840	III	CLW	Safety	

2.66	66	Notch Indicators	ECIL Make Pt.No./ ELRS/SPEC/DNI/0032(Rev.0) August, 04	–				25178209	III	CLW	Safety	
2.67	67	Dynamic Brake Resistor Assembly and its spares	CLW/ES/R-36/C ELRS/SPEC/DBR/0028 Rev.'0'	–	Verticle DBR for WAG7	RDSO/2008/ EL/Spec/006 9 rev'0' July 2008		25653209	III	CLW	Safety	
2.67	67	Dynamic Brake Resistor Assembly and its spares	CLW/ES/R-36/C ELRS/SPEC/DBR/0028 Rev.'0'	–	forced cooled DBR for WAP4	RDSO/2010/ EL/Spec/010 6 rev'0' June 2010		25653258	III	CLW	Safety	
2.68	68	Manual hand drive Assy.						25567330	I	CLW	Safety	18.1, sec-A
2.69	69	Wheel Slip Protection Relay	CLW/ES/R-27	OEM's part no.	Wheel slip Protection RELAY QD for WAG7	CLW/ES/R- 27/Z		25660780	I	CLW	Vital	
2.70	70	Protective, time delay and sequence, signaling relays	CLW/ES/R-27	OEM's part no.	RELAY PC-8	CLW/ES/R- 27/Z		25640252	I	CLW	Safety	
2.70	70	Protective, time delay and sequence, signaling relays	CLW/ES/R-27	OEM's part no.	DI/DU RELAY QLM	CLW/ES/R- 27/Z		25660056	I	CLW	Safety	
2.70	70	Protective, time delay and sequence, signaling relays	CLW/ES/R-27	OEM's part no.	DI/DU RELAY QE	CLW/ES/R- 27/Z		25660100	I	CLW	Safety	
2.70	70	Protective, time delay and sequence, signaling relays	CLW/ES/R-27	OEM's part no.	DI/DU RELAY Q-30	CLW/ES/R- 27/Z		25660251	I	CLW	Safety	
2.70	70	Protective, time delay and sequence, signaling relays	CLW/ES/R-27	OEM's part no.	DI/DU RELAY QOP	CLW/ES/R- 27/Z		25660354	I	CLW	Safety	
2.70	70	Protective, time delay and sequence, signaling relays	CLW/ES/R-27	OEM's part no.	DI/DU RELAY QRSI	CLW/ES/R- 27/Z		25660901	I	CLW	Safety	
2.71	71	Master Controller for conventional locos for 3-phase locos	CLW/ES/3/0031/A	–	Master Controller for WAG7/P4		ITWD.241.1 15	25860010	III	CLW	Safety	
2.71	71	Master Controller for conventional locosfor 3-phase locos	CLW/ES/3/0031/A	–	Master Controller for WAG9/P7/P5	CLW/ES/3/0 031/A		29860015	III	CLW	Safety	
2.72	72	VCB & spares A)Double Bottle VCB & spares B)Single Bottle VCB & spares	CLW/ES/C-47/B	–	VCB 1000	CLW/ES/C- 47/F		25712202	I	CLW	Safety	
2.73	73	a)Metallic Pinion for SB oil pump (b) Nylon Pinion for SB oil Pumps						25728581	III	CLW	Safety	
2.74	74	End Shield of Auxiliary Motors						25448432	III	CLW	Safety	
2.75	75	Arno Converter 120 KVA and spares						25748117	III	CLW	Safety	
2.76	76	Arno Starting Contacter C118	CLW/ES/C-15 (or latest version)	–				25898220	III	CLW	Safety	
2.77	77	Resistance for Arno Starting R118						25658244	III	CLW	Safety	
2.78	78	Battery Charger (CHBA)						25688080	III	CLW	Safety	
2.79	79	Vigilance Control Device for locomotives	RDSO/2008/EL/SPEC/0025 Rev'5' March, 2010 with amend 1	–	Vigilance Control Device for locomotives	ELRS/SPEC/ VCD/0025(R ev.3) of Dec.,08		25617059	I	CLW	Safety	

2.80	80	Fire Detection Equipment for 3 phase locos	CLW/ES/3/0057	–	Fire Detection Equipment for WAG9/P7/P5	CLW/ES/3/0057	3EHP590451R0002	29610047	III	CLW	Safety	
2.81	81	Torque Arm for WAP5/locos	–	IA 011-00370	Torque Arm for WAP5	1210-01.118-012	IA 011-00370	29100082	III	CLW		
2.82	82	Traction Bar Complete for 3 phase locos	–	IA 011-0038/A2	Push pull rod for WAG9/P7	CLW/MS/3/154		29100069	III	CLW		
2.82	82	Traction Bar Complete for 3 phase locos	–	IA 011-0038/A2	Push pull rod for WAP5	1209-01.113-006		29100094	III	CLW		
2.83	83	Crown gear coupling for WAP5 locos	AEB 452478 IA 012-00453, Rev 1IA 011-00234, Rev.3 RDSO/2007/EL/SPEC/107 Rev'0'	–	Crown gear (Hurth) coupling for WAP5 loco	AEB 452478	IA 012-00453, Rev 1, IA 011-00234, Rev.3 RDSO/2007/EL/STR/0016 Rev 'O'	29030122	I	CLW		C-1,secA-27
2.84	84	Rubber Components for E-70 Brake system for 3 phase locos						29258376	I	CLW		
2.85	85	Spheriblocs for 3-phase locos	RDSO/2007/EL/SPEC/ 0051 Rev '2'	–	Spheriblocs for WAG9/P7	RDSO/2007/EL/SPEC/ 0051 Rev 'O'		29100203	I	CLW		C-1,secA-19.1
2.85	85	Spheriblocs for 3-phase locos	RDSO/2007/EL/SPEC/ 0051 Rev '2'	–	Set of Spheriblocs for WAP5	RDSO/2007/EL/SPEC/ 0051 Rev 'O'		29105183	I	CLW		C-1,secA-19.1
2.86	86	Elastic Ring for 3-phase locos	RDSO/2007/EL/SPEC/ 0053 Rev 'O'	–	Elastic Ring for 3-phase locos	RDSO/2007/EL/SPEC/ 0053 Rev 'O'		29100010	I	CLW	Safety	C-1,secA-19.2
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT FOR WLRRM COACHES WITH BOGIEMOUNTED BRAKE CYLINDER (BMBC)	MATERIAL SCHEDULE NO.ICF/SK 10-2-513 ISSUENSTAT US:01 (REV.00).		30357937*	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENTS FOR DMU/DTC & ARMV COACHESWITH 200 LITRES RESERVOIR & BOGIE MOUNTED BRAKE CYLINDER .	SCHEDULE NO. ICF/SK 10-2-309 (REV-01).	DRG.NO. DMU/DTC3 /BMB-3-5-301	30358152*	II	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT (INCLUDING PAS) FOR AC SELF GENERATION COACHES	MATERIAL SCHEDULE NO.ICF/SK1 0-2-308 REV.05.WIT HCORRECT ION SLIP-01.		30358292**	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENTS (INCLUDING PAS) FOR NON-ACCOACHES (SDC & WCB)	MATERIAL SCHEDULE NO.ICF/SK-10-2-303 REV-04.WITH C.SNO.01.		30358309*	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT FOR DETC (ON BOARD) COACHESWITHOUT EXHAUSTER TO SCHEMATIC WITH 200 LTS RESERVOIR	SCHEDULE NO.ICF/SK-10-2-321 (REV.02).C.S .04.	DRG. NO. DETC-3-5-013	30358322*	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT (INCLUDING PAS) FOR SLR2 COACHES	MATERIAL SCHEDULE NO. ICF/SK-10-2-398 REV-02.WITH C.S.NO.01.		30358360*	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT WITH 200 LITRES RESERVOIRFOR SRJS COACHES WITH BOGIE MOUNTED BRAKE CYLINDER	SCHEDULE NO.ICF/SK-10-2-398A REV NO.00 WITH C.S. NO.4.		30358413*	II	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING PAS AND PNEUMATIC EQUIPMENT FOR CONTROLLED DISCHARGE TOILET SYSTEM (CDTS) FOR NON-AC COACHES (GS & SCN)	MATERIAL SCHEDULE NO.ICF/SK-10-2-441 (REV.02) AND ICF/SK-10-2-514 (REV.01) Note: THE FIRM SHALL QUOTE FOR AIR BRAKE EQUIPMENT AND PNEUMATIC EQUIPMENT FOR CDTS SEPERATELY.		30358425*	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENTS INCLUDING PAS AND INSTALLATION OF SS PIPES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR GS & SCN COACHES EXCEPT ITEMS AT SL.NO.4 ITEM UNDER SL.NO.2.1 SHALL BE 1 NO. PER COACH.	MATERIAL SCHEDULE NO.ICF/SK-10-2-503 ISSUE STATUS:01 REV-01 WITH C.S.01		30358498*	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING PAS AND INSTALLATION OF SS TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR AC(WGSCWAC,WGFA C,WGFSCWAC AND WGSCZAC) AND NON AC (GS,SDC,SCN,WGB AND SLR) COACHES	AS PER MATERIAL SCHEDULE NO.ICF/SK-10-2-503 ISSUE STATUS:01, REV.03-CS-01 & 02.		30358516*	II	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENTS INCLUDING PAS AND INSTALLATION OF SS PIPES & DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR SLR COACHES ITEM UNDER SL.NO.2.1 SHALL BE 1 NO. PER COACH.	MATERIAL SCHEDULE NO.ICF/SK-10-2-503 ISSUE STATUS 01 REV-01. WITH C.S.01		30358541* *	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENTS INCLUDING PARKING BRAKE STAINLESS STEEL PIPES & STAINLESS STEEL FITTINGS FOR JDCC COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-494 ISSUE STATUS.01. REV.NO.00.	DRG.NO.JD CC-3-5-003	30358607* *	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT WITH PASSENGER EMERGENCY ALARM SYSTEM FOR MILITARY KITCHEN CAR	TO MAT.SCHE DULE NO.ICF/ SK-10-2-495 ISSUE STATUS 01,REV-00.WITH C.S.NO.01.		30358619* *	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING INSTALLATION OF PARKING BRAKE AND STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR SV/DPC COACHES	TO SCHEMATI C DRG.NO.SV /DPC-3-5-001 ALT 'a' AND MATERIAL SCHEDULE NO.ICF/SK-10-2-499 ISSUE STATUS 01, REV.02 & CS.01.		30358620* *	II	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING INSTALLATION OF STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR ARTV COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-500 ISSUE STATUS 01, REV.02 WITH CS.01.	SCHEMATI C DRG.NO.A RTV3-3-5-301, ALT 'a'	30358632* *	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING INSTALLATION OF STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR ARMVAC COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-501 ISSUE STATUS 01, REV-01. WITH CS.01	TO SCHEMATI C DRG.NO.30 935001	30358668* *	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING PAS AND PNEUMATIC EQUIPMENT FOR CONTROLLED DISCHARGE TOILET SYSTEM (CDTS) FOR AC SELF GENERATION COACHES .	MATERIAL SCHEDULE NO.ICF/SK-10-2-308 (REV.05) AND ICF/SK 10-2-514 (REV.01)		30358681* *	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING PAS AND PNEUMATIC EQUIPMENT FOR CONTROLLED DISCHARGE TOILET SYSTEM (CDTS) FOR SLR2 COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-441 (REV.02) AND ICF/SK 10-2-514 (REV.01)		30358693* *	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING PAS AND PNEUMATIC EQUIPMENT FOR CONTROLLED DISCHARGE TOILET SYSTEM(CDTS) FOR NON-AC COACHES (SDC & WCB) .	TO MATERIAL SCHEDULE NO.ICF/SK-10-2-303 (REV.04) AND ICF/SK 10-2-514 (REV.01)		30358700* *	II	ICF	Safety	

3.1	1	Air Brake Equipments & Its spares	02-ABR-02	Ref. spec	GEAR WHEEL FOR HAND BRAKE.		DRG.NO.EMU-3-4-030, COL-IV,ALT'p'	31340209	III	ICF	Safety	
3.1	1	Air Brake Equipments & Its spares	02-ABR-02	Ref. spec	PARKING BRAKE EQUIPMENT FOR AC/EMU, MEMU, AND HHP/DMU/DPC(WITH EPBRAKE) CONFORMING TOWITH CORRECTION SLIP NO.01.	RDSO SPECIFICATION C-K408 REV.00 AND MATERIAL SCHEDULE NO.ICF/SK-10-2-229 (REV.04)		31354634	III	ICF	Safety	
3.1	1	Air Brake Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENTS FOR DMU/TC COACHES WITHBOGIE MOUNTED BRAKE CYLINDER .	SCHEMATIC DRG NO. DMU/TC-35-001, SCHEDULE NO.ICF/SK 10-2-310. REV NO.01		31356310* *	II	ICF	Safety	
3.1	1	Air Brake Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT FOR DHMU/DPC & ARTVCOACHES. WITH 200 LITRES RESERVOIR.	SCHEDULE NO ICF/SK-10-2-306 (REV-01).WITH C.S.I DT.25.4.03	SCHEMATIC DRG. NO. DMU/DPC3 /35-315	31356916* *	II	ICF	Safety	
3.1	1	Air Brake Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENT FOR AC-DC/EMU/MOTOR COACHES WITH AIR SPRING SUSPENSION SUITABLE FOR REGENERATIVE BRAKE BLENDING.	MATERIAL SCHEDULE NO.ICF/SK-10-2-326 (REV-02) WITHCORRECTION SLIP NO.5.	DRG.NO.AC/DC/EMU/M2-3-5-207	31356953	III	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	TWIN TOWER HEATLESS REGENERATIVE TYPE AIR DRYER AS PER RDSO APPROVED MODEL NO,ORIFICE SIZE AND QAP.	AS PER CLAUSE 4.13RDSO/S PECN.NO.M P.0.01.00.06 (REV.05) MARCH 2011 (HHP- DMU) EXCEPT CLAUSE NO.7.3 AND 7.7 DRG NO- SK DP 3566(ANNE XURE-4 OF THE GOVERNIN G SPECIFICAT ION) Note 1:THE FIRM SHALL SUBMIT A COPY OF THE APPROVAL LETTER OF RDSO MENTIONI NG THE APPROVED MODEL NO.ORIFIC E SIZE AND QAP. THE INTER		31357179	I	ICF	Safety	
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3.1	1	Air Brake Equipments & Its spares	02-ABR-02	Ref. spec	TWIN TOWER HEATLESS REGENERATIVE TYPE AIR DRYER	RDSO/SPE CN.NO.MP.0 .01.00.06 (REV.05) MARCH 2011 (EMU/MEM U) EXCEPT CLAUSE NO.7.3 & 7.7 AS PER RDSO APPROVED MODEL NO,ORIFIC E SIZE AND QAP.THE INTER CONNECTI NG PIPES AS PER CLAUSE 4.13 Note: THE SPECIFICAT ION MENTIONE D ABOVE SHALL BE IN THE SCOPE OF ICF.		31357209	I	ICF	Safety	
3.1	1	Air Brake Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENT INCLUDING INSTALLATION OF PARKING BRAKE, AIR DRYER, CONTROL EQUIPMENT FOR AIR SPRING SUSPENSION, AND STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR HHP DMU- DPC COACHES.	MATERIAL SCHEDULE NO.ICF/SK- 10-2-420 ISSUE STATUS -01, REV.02 AND CS.01.	SCHEMATI C DRG NO.DMU/D PC 7-3-5- 701 ALT 'j' AND DMU/DPC/ SS-3-5-001	31357258* *	III	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	E.P.BRAKE EQUIPMENT INCLUDING INSTALLATION OF CONTROL EQUIPMENT FOR AIR SPRING SUSPENSION AND STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS FOR HHP DMU-TC COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-421 ISSUE STATUS -01. REV.03 & CS.01.	SCHEMATIC DRG.NO.D MU/TC4-3-5-403 ALT 'c'	31357260* *	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENT INCLUDING INSTALLATION OF CONTROL EQUIPMENT FOR AIR SPRING SUSPENSION, AND STAINLESS STEEL TUBES AND DOUBLE FERULE FITTINGS FOR AC/EMU-TRAILER COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-425 ISSUE STATUS.01 REV.03 & CS.01.	DRG.NO.E MU/2D/AS R-3-5-201 ALT 'b'	31357430* *	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	E.P.BRAKE EQUIPMENT INCLUDING INSTALLATION OF CONTROL EQUIPMENT FOR AIR SPRING SUSPENSION, PARKING BRAKE, AIR DRYER AND STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR AC/EMU/M COACHES	MATERIAL SCHEDULE NO.ICF/SK/10-2-424 REV.04 ISSUE STATUS-01 & CS.01.	DRG.NO.A C/EMU/M/ ASR-3-5-011 ALT 'h'	31357441* *	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENTS WITH STAINLESS STEEL PIPES,STAINLESS STEEL FITTINGS AND PASSENGER EMERGENCY ALARM SYSTEM FOR FIRSTCLASS AC (WGFAC7) COACHES	MATERIAL SCHEDULE NO.ICF/SK 10-2-493 ISSUESTAT US 01 REV.00.		31357519* *	II	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE EQUIPMENT INCLUDING PARKING BRAKE FOR JDCC COACHES	SCHEDULE NO.ICF/SK-10-2-496, ISSUE STATUS: 01, REV.NO.01, AMD-01.	DRG. NO.JDCC-3-5-003	31357520*	II	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENT INCLUDING INSTALLATION OF CONTROL EQUIPMENT FOR AIR SPRING SUSPENSION,AIR DRYER, PARKING BRAKE, STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR MRVC/AC/DC/EMU/D/ HC COACHES	ICF/SK-10-2-511 ISSUE STATUS:01, REV.01, C.S.NO.01. Note:THE FIRM SHALL QUOTE SEPARATELY FOR ITEMS MENTIONED IN NOTE A-8 OF THE ABOVE MAT. SCHEDULE.	DRG.NO.IC F/MRVC/D/ HC-3-5-001 ALT 'c'	31357532*	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENTS INCLUDING INSTALLATION OF CONTROL EQUIPMENTS FOR AIR SPRING SUSPENSION,AIR DRYER, PARKING BRAKE, STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR MRVC/AC/DC/EMU/D COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-510 ISSUE STATUS:01, REV.01 CORRECTI ON SLIP 02. Note:THE FIRM SHALL QUOTE SEPARATELY FOR ITEMS MENTIONED IN NOTE A-9 OF THE ABOVE MAT.SCHE DULE.	DRG.NO.IC F/MRVC/D-3-5-001 ALT 'c'	31357544*	III	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENT INCLUDING INSTALLATION OF CONTROL EQUIPMENT FOR AIR SPRING SUSPENSION, STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR MRVC/AC/DC/EMU/MOTOR COACHES	MATERIAL SCHEDULE NO.ICF/SK-10-2-509 ISSUE STATUS:01, REV.01. C.S.NO.2. Note: THE FIRM SHALL QUOTE SEPARATELY FOR ITEMS MENTIONED IN NOTE A-9 OF THE ABOVE MAT.SCHEDULE.	DRG.NO.ICF/MRVC/M-3-5-001 ALT 'b'	31357556*	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENT INCLUDING INSTALLATION OF CONTROL EQUIPMENT FOR AIR SPRING SUSPENSION, STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR MRVC/AC/DC/EMU/C COACHES	MAT.SCHEDULE NO.ICF/SK-10-2-512,ISSUE STATUS:01, REV.01. C.S.NO.01.	DRG.NO.ICF/MRVC/C-3-5-001 ALT 'b'	31357568*	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	EP BRAKE EQUIPMENTS INCLUDING INSTALLATION OF CONTROL EQUIPMENTS FOR AIR SPRING SUSPENSION, STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR DMU/DTC/JK COACHES	MAT.SCHEDULE NO.ICF/SK-10-2-519 REV.00.	DRG.NO.DMU/DTC/JK-3-5-002 ALT 'a'	31357611*	III	ICF	Safety	

3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	STAINLESS STEEL RESERVIOIR 9 L CAPACITY		DRG.NO.ICF/STD 3-5-041 ALT d.	31357684	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	E.P. BRAKE EQUIPMENT FOR AC EMU MOTOR COACHES	SCHEDULE NO.ICF/SK 10-2-203(REV-2C.S.NO.1.	DRG.NO.-MEMU/DM C.3-5-009	31396010	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	BRAKE APPLICATION RELAY		DRG. NO.ICF/SK/ 7-2-395 ALT. 'd'.	31755926	III	ICF	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	AIR BRAKE HOSE COUPLING COMPLETE FOR FEED PIPE		RDSO's DRG. NO. WD-81027-S-01 ITEM NO. 1 TO 7,ALT. NO.-10(TEN),OR LATEST.	38164670		ER	Safety	
3.1	1	Air Bra'ke Equipments & Its spares	02-ABR-02	Ref. spec	GASKET FOR 20 MM. NB PIPE		RDSO'S DRG.NO.W D-83062-S-07, ITEM NO.-1,ALT.NO.-5(Five) OR LATEST.	38164735		ER	Safety	
3.2	2	Aluminum DV with relay valve	C-K209	—				30353270		ICF		
3.3	3	Bogie mounted Brake Cylinder	C-K013	SK-81200, SK-81057	BRAKE CYLINDER FIXING BRACKET		TO DRG.NO.T-0-3-940,COL.I ALT 'a'	30037104	III	ICF	Safety	5
3.3	3	Bogie mounted Brake Cylinder	C-K013	SK-81200, SK-81057	BRAKE CYLINDER FIXING BRACKET		DRG.NO.G S7-0-3-719, COL.I. ALT 'NIL'.	30037177	III	ICF	Safety	5
3.3	3	Bogie mounted Brake Cylinder	C-K013	SK-81200, SK-81057	BRAKE CYLINDER FIXING BRACKET		T-0-3-807 COL I ALT C	30922161	III	ICF	Safety	5
3.4	4	Composite Brake Blocks a) K-type (BG coaching) b) L-type (BG coaching) c) K-type (EMU) d) L-type (MG coaching)	C-9809 C-9907 C-9508 C-K211	SK-98066 SK-99048 SK-80029 SK-K2043	NON ASBESTOS BASED "K" TYPE HIGH FRICTION COMPOSITION BRAKE BLOCKS	RDSO/SK 98066 ALT.6 & RDSO SPECN.NO. C-9809, REV.04.		30316121	II	ICF	Safety	84, 85, 86, 87

3.4	4	Composite Brake Blocks a) K-type (BG coaching) b) L-type (BG coaching) c) K-type (EMU) d) L-type (MG coaching)	C-9809 C-9907 C-9508 C-K211	SK-98066 SK-99048 SK-80029 SK-K2043	BRAKE HEAD (FABRICATED DESIGN).		DRG.NO.T- 3-1-806 COL.III- 1NO.&COL. IV- 1NO,ALT'e'.	30317149	III	ICF	Safety	84, 85, 86, 87
3.4	4	Composite Brake Blocks a) K-type (BG coaching) b) L-type (BG coaching) c) K-type (EMU) d) L-type (MG coaching)	C-9809 C-9907 C-9508 C-K211	SK-98066 SK-99048 SK-80029 SK-K2043	CHAIN FOR HAND BRAKE ARRANGEMENT		DRG. NO. ICF/SK-3-3- 078 COL.III, ALT'e'.	30337288	III	ICF	Safety	84, 85, 86, 87
3.4	4	Composite Brake Blocks a) K-type (BG coaching) b) L-type (BG coaching) c) K-type (EMU) d) L-type (MG coaching)	C-9809 C-9907 C-9508 C-K211	SK-98066 SK-99048 SK-80029 SK-K2043	BRAKE HEAD - (FABRICATED)		DRG.NO.E MU/M-3-1- 008 COL-I, ALT 'h'	31930517	III	ICF	Safety	84, 85, 86, 87
3.5	5	Spherical Roller Bearing	C-8527	-				85192004		ICF		
3.6	6	Cartridge Tapered Roller Bearing (CTRB)	FIAT SIG TS 17.565	-	Bal Joint Traction Lever	MDTS-148 Rev.01 & MDTS-122 Rev.'03' or latest.	C53 973 Ref bred 8403 rev.02 (FF1521728 Mod 01) to be read with T.S.17.532 100 00,T.S.17.61 7.100 02	33500010	II	RCF		40
3.6	6	Cartridge Tapered Roller Bearing (CTRB)	FIAT SIG TS 17.565	-	UIC Taper Roller Bearing for Dia 130 MM axle journal for fiat bogie	17.565 100 01 and 17.565 103 00	SKF drg.No.1639 433BC or Timken Part No. E48999 (H127746/H 90010) or Equivalent	33500071	I	RCF		40
3.7	7	Silent block for Anchor link	RDSO/2006/C G-15, C-9406	SK-K6124	INJECTION MOLDED SILENT BLOCK FOR CENTRE PIVOT FOR BG MAIN LINE COACHES	RDSO SPECN.RDS O/2007/CG- 06	RDSO DRG.NO.C G-K7121 ALT 'NIL'.	30060540	II	ICF	Safety	73
3.7	7	Silent block for Anchor link	RDSO/2006/C G-15, C-9406	SK-K6124	SILENT BLOCK FOR CENTER PIVOT "QUANTITY SHALL BE1(ONE) EACH INSTED OF 2(TWO) EACH	DRG.NO.CG- K6049, ALT. 1.		30067133	II	ICF	Safety	73
3.7	7	Silent block for Anchor link	RDSO/2006/C G-15, C-9406	SK-K6124	SILENT BLOCK FOR ANCHOR LINK (INJECTION MOULDED)	RDSO SPECN.RDS O/2006/CG- 15	TYPE-A OF RDSO DRG NO-CG- K6124,ALT- '3'.	30070340	II	ICF	Safety	73

3.7	7	Silent block for Anchor link	RDSO/2006/C G-15, C-9406	SK-K6124	BOLTED DESIGN SILENT BLOCK (INJECTION MOULDED)FOR ANCHOR LINK TYPE- B.	RDSO SPECNRDS O/2006/CG- 15.	RDSO DRG.NO.C G-K6124 ALT '3'	30076134	II	ICF	Safety	73
3.7	7	Silent block for Anchor link	RDSO/2006/C G-15, C-9406	SK-K6124	ANCHOR LINK		DRG.NO.T- 0-7-603, COL.I, ALT 'z'.	31076014	III	ICF	Safety	73
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	WHEEL FOR HAND BRAKE		DRG.NO. MG/TLR 3- 4- 002/COL.II. ALT. 'f'	30344001	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	HAND BRAKE ARRANGEMENT		DRG.NO.IC F/SK-3-4- 062, COL.I, ALT 'a'.	30344025	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS STEEL PIPES AND DOUBLE FERRULE FITTINGS FORGS,SCN,SDC & WCB COACHES.	ICF/SK 10-2- 507 ISSUE STATUS 01 REV 1		30358553	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS STEEL PIPES AND DOUBLE FERRULE FITTINGS FOR SCN COACHES	SPECIFICA TION ICF/M/D/SP ECN-166 ISSUE STATUS-01, REV.03 WITHAME NDMENT-03 AND TO SCHEDULE NO.ICF/SK- 10-2-505, ISSUE STATUS-01, REV.00.		30358565	III	ICF	Safety	3

3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS STEEL PIPES AND DOUBLE FERRULE FITTINGS FOR WGSCWAC, WGSCZAC & WGFSCWAC COACHES	SPECIFICATION ICF/MD/SPEC C-166 ISSUE STATUS 01, REV.03 WITH AMENDMENT NO-03 AND MATERIAL SCHEDULE NO.ICF/SK-10-2-508 REV-01, WITH C-S NO-01.		30358577	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS FOR AC(WGSCWAC, WGSCZAC, WGFSCWAC AND WGFAC) AND NON-AC GS SDC, SCN, WCB, SLR & SRD) COACHES	MATERIAL SCHEDULE NO -ICF/SK-10-2-507, ISSUE STATUS 01. REV.03 CS.01 READ ALONG WITH SPEC.NO.ICF/MD/SPEC 166, ISSUE STATUS 01, REV.03 WITH AMD NO.03.		30358589	III	ICF	Safety	3

3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS STEEL TUBES AND DOUBLE FERRULE FITTINGS FOR UNCOMMON ITEMS FOR SLR COACHES	TO SPECIFICATION ICF/MD/SPEC -166 ISSUE STATUS 01 REV.03 WITH AMD NO.03 AND MATERIAL SCHEDULE NO.ICF/SK-10-2-506 ISSUE STATUS-01, REV NO.02 C.S 01 & 02.		30358590	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS STEEL TUBES & DOUBLE FERRULE FITTINGS FOR HHP-DMU/DPC COACHES	MATERIAL SCHEDULE NO.ICF/SK/10-2-447 ISSUE STATUS 01,	DRG.NO.D MU/DPC7-3-5-701	31357453	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS TUBES AND DOUBLE FERRULE FITTINGS FOR MRVC-C COACHES SCHEMATIC READ ALONG WITH (LATEST REV/AMENDMENT)	MATERIAL SCHEDULE NO.ICF/SK 10-2-518 ISSUE STATUS 01 REV.01 AND WITH C.S. NO.03.	DRG.NO.IC F/MRVC/C-3-5-001 ALT-'b'	31357570	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS TUBES AND DOUBLE FERRULE FITTINGS FOR MRVC/D/HC COACHES TO SCHEMATIC READ ALONG WITH ICF/MD/SPECN- 166 ISSUE STATUS 01, LATEST REV/AMENDMENT .	MATERIAL SCHEDULE NO.ICF/SK 10-2-523 ISSUE STATUS 01 REV.01 WITH C.S.NO.03.	DRG.NO.IC F/MRVC/D/HC 3-5-001 ALT-'c'	31357581	III	ICF	Safety	3

3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS TUBES AND DOUBLE FERRULE FITTINGS FOR MRVC MOTOR COACHES, SCHEMATIC READ LONG .	MATERIAL SCHEDULE NO.ICF/SK 10-2-521 ISSUE STATUS 01 REV.02. WITH C.S NO.03.	DRG.NO. ICF/MRVC/ M 3-5-001 ALT 'b'	31357593	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF STAINLESS TUBES AND DOUBLE FERRULE FITTINGS FOR MRVC/D COACHES SCHEMATIC READ ALONG WITH LATEST/REV/AMENDMENT .	MATERIAL SCHEDULE NO.ICF/SK 10-2-522 ISSUE STATUS 01 REV.01 WITH C.S. NO.04 ICF/MD/SPEC-166 ISSUE STATUS 01,	DRG.NO. ICF/MRVC/ D 3-5-001 ALT 'c'	31357600	III	ICF	Safety	3
3.8	8	Air Brake Pipes & pipe fittings a) 25mm NB b) 20mm NB c) 15mm NB d) 10mm NB	04-ABR-02	-	SUPPLY OF SS TUBES AND DOUBLE FERRULE FITTINGS FOR PNEUMATIC CONTROL EQUIPMENT (CDTS) FOR DMU/TC, AC & NON AC COACHES	SCHEDULE NO.ICF/SK 10-2-553. ISSUE STATUS 01, REV.00 CORRECTION SLIP-01.		31357787	III	ICF	Safety	3
3.9	9	Slack Adjusters	07-ABR	-	SLACK ADJUSTER TYPE IRSA 450	RDSO SPECN.07-ABR-92	DRG. NO.T-3-3-711/1 ALT.m'	30331043	II	ICF	Safety	6

3.10	10	Wheel & Axle	R-19/93 & R16/95	—	BG 20.32 TONNES ROUGH TURNED EMU MOTOR COACH AXLE .	Note1:GUA RANTEE SHALL BE AS PER CLAUSE 16 OF SPECIFICAT ION IRS R- 43/92. NoteTHE AXLES SHALL BE COATED WITH RUST PREVENTI ON OIL AND NOT TO BE PAINTED. NOTE 2: THE AXLE ENDS SHALL BE STAMPED AS SHOWN IN THE DRAWING. WITH CORRIGEN DUM1.	TO DRG.NO.A C/DC/EMU/ B-0-2- 002/COL.I WITH ALT 'e'	31020264	III	ICF	Safety
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3.10	10	Wheel & Axle	R-19/93 & R16/95	—	BG 20.30 TONNES ROUGH TURNED AXLE FOR HIGHER CARRYING CAPACITY EMU TRAILER COACHES	Note:1 GURANTEED SHALL BE AS PER CLAUSE 15 OF SPECIFICATION IRS R- 16/95 WITH CORRIGENDUM 1&2.THE AXLES SHALL BE COATED WITH RUST PREVENTED OIL AND NOT TO PAINTED. NOTE 2: THE AXLE ENDS SHALL BE STAMPED AS SHOWN IN THE DRAWING.	DRAWING NO- AC/DCEMU /D2-0-2- 204/COL-I WITH ALT- 'T'	31027090	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	FULLY MACHINED AXLE BOX REAR COVER		DRG.NO.T- 0-2- 603/ITEM- 2,ALT 'C'	30020451	III	ICF	Safety	

3.10	10	Wheel & Axle	R-19/93 & R16/95	—	BG 16.25 TONNES ROUGH TURNED COACHING AXLE .	Note 1: GUARANTEE SHALL BE AS PER CLAUSE 15 OF SPECN IRS.R.16/95 WITH CORRIGENDUM 1&2 Note 2: THE AXLES SHALL BE COATED WITH RUST PREVENTION OIL AND NOT TO BE PAINTED. NOTE 3:THE AXLE ENDS ARE TO BE STAMPED AS SHOWN IN THE DRAWING	DRG.NO RDSO/SK- CG- K6015/ITE MS-1&2 WITH ALT- '1	30020645	III	ICF	Safety	
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3.10	10	Wheel & Axle	R-19/93 & R16/95	—	FULLY MACHINED AXLE BOX FRONT COVER	Note:ONE NUMBER PER BATCH SHALL BE SUBJECTE D TO DESTRUCTI VE TESTING. REPLACEM ENT GUARANTE E SHALL BE FOR ONE YEAR FROM THE DATE OF PUTTING THE COACH INTO SERVICE OR TWO YEARS FROM THE DATE OF SUPPLY, WHICHEVE R IS EARLIER.	DRG NO.T- 0-2- 633/ITEM.1 ALT `q'	30020750	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	BOLT FOR AXLE BOX /10.		T-0-2-608/5 ALT. `q'	30020797	III	ICF	Safety	

3.10	10	Wheel & Axle	R-19/93 & R16/95	—	FULLY MACHINED AXLE BOX FRONT COVER .	Note: SUPPLIERS OF AXLE BOX FRONT COVER SHALL GUARANTEE REPLACEMENT FREE OF COST OF SUCH ITEMS WHICH MAY BE DEVELOP DEFECTS WITHIN ONE YEAR FROM THE DATE OF TAKING COACH INTO REGULAR SERVICE OR WITHIN TWO YEARS FROM THE DATE OF RECEIPT OF SUPPLY WHICHEVER IS	DRG.NO.T 0-2- 633/2,ALT 'q'	30020888	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	FINISH MACHINED WHEEL AND ALXE SET FOR 10 TON AXLE LOAD BOGIE WHEELS ARE TO BE ROLLED OR FORGED- STAMPING TO BE DONE AS PER MGT 01006	IRS R-19/93 (Part II) Rev.4 of July, 2012	MGT 02012 ALT w/6	30024249	III	ICF	Safety	

3.10	10	Wheel & Axle	R-19/93 & R16/95	—	WHEEL CENTRE AND TYRE ROUGH TURNED AND RETAINING RING	SPECN. IRS- R-19-93 PART-V TOBE READ ALONGWIT H LATEST CORRIGEN DUM NO.2 DT.6.11.97 AND TYRE TO SPECN.IRS- R-15-95. NOTE: THE TYRE SHALL BE TURNED ABSOLUTE LY CONCENTR ICTO BE BORE OF THE BOSS OF THE WHEEL. THE WHEEL SHALL BESTAMPE D AS SHOWN IN THE DRAWING.	EMU/M-0-1- 004COL-II ALT-z/8	31010076	III	ICF	Safety
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3.10	10	Wheel & Axle	R-19/93 & R16/95	—	WHEEL CENTRE AND TYRE ROUGH TURNED AND RETAINING RING AND KEY	SPECN. IRS R-19-93 PART-V TO BE READ ALONG WITH LATEST CORRIGENDUM NO.2 DT.6.11.97 AND TYRE TO SPECN. IRS-R-15-95. NOTE: THE TYRE SHALL BE TURNED ABSOLUTELY CONCENTRIC TO THE BORE OF THE BOSS OF THE WHEEL. THE WHEEL SHALL BE STAMPED AS SHOWN IN THE DRAWING.	EMU/M-0-1-004COL-I ALT-z/8	31010362	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	FINISH MACHINED COLLAR		DRG.NO.EMU/M-0-1-035, ITEM 1, ALT 'NIL'.	31010544	III	ICF	Safety	89, 90
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	SEALING RING FOR AXLE BOX		EMU/M-0-2-012 ITEM-1 ALT 'c'.	31020150	III	ICF	Safety	89, 90
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	AXLE BOX FRONT COVER FULLY MACHINED .		EMU/M-0-2-013 ITEM 2 ALT 'f'.	31020240	III	ICF	Safety	89, 90
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	SOLID FORGED WHEEL (ROUGH TURNED) FOR EMU COACHES	SPECN IRS R-19/93 PART-II REV 3	DRG.NO-RDSO SKETCH K4004WITH ALT-'3'	31027088	III	ICF	Safety	89, 90

3.10	10	Wheel & Axle	R-19/93 & R16/95	—	Solid Forged Wheel (Rough Turned) for FIAT IR Bogie.	IRS-R19-93, PT-II REV3	LW02103 ALT.'f'	33509025	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	AXLE(Semi Finished) for FIAT I R Bogie.	A1N UIC 811-1	LW02149 ALT.'a'	33509037	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	AXLE ROUGH TURNED FOR TRAILER COACHES .	SPECN. IRS, R-16-95 WITH CORRIGEN DUM 1 & 2 NOTE1: GUARANTE E SHALL BE AS PER CLAUSE. 15 OF IRS, R.16 95 NOTE2: AXLE ENDS SHALL BE COATED WITH RUST PREVENTI ON OIL AND NOT TO BE PAINTED.	.MRB-0-1- 002 COL.I, ALT 'b/4'	36010066	III	ICF	Safety	

3.10	10	Wheel & Axle	R-19/93 & R16/95	—	ROUGH TURNED AXLE .	SPECN. IRS R-43/92 TO BE READ ALONG WITH CORRIGENDUM 1 NOTE1: GUARANTEE SHALL BE AS PER CLAUSE 16 OF SPECN. IRS R-43/92 . NOTE2:THE AXLES SHALL BE COATED WITH RUST PREVENTION OIL AND NOT TO BE PAINTED.	MRB/DMC-0-2-004, COL-I, ALT NIL	36010078	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	AXLE ROUGH TURNED TO BE STAMPED AS PER DRG.	SPECN IRS-R 43-92 CORRIGENDUM NO.4 OF FEB 83	MRN/M 01002 ALT NIL/3	36010080	III	ICF	Safety	
3.10	10	Wheel & Axle	R-19/93 & R16/95	—	Axle rough turned for Motor Coach for Kolkatta Metro	IRS-R-43-92 Category 'A'	MRB/DMC/SS-02-004/ COL-I ALT 'NIL	36020230	III	ICF	Safety	
3.11	11	Axle Mounted Disc Brake system for LHB type coaches	RCF Spec. No. MDTs 077	—	Axle Mounted Disc Brake system for ALSTOM-LHB Design-AC & NAC Coaches.	MDTS077 REV.03 9 (without brake disc and emergency brake cable box NPZ 1-S or passenger emergency pilo valve)	NIL	33501427	II	RCF	Safety	

3.11	11	Axle Mounted Disc Brake system for LHB type coaches	RCF Spec. No. MDTs 077	—	Axle Mounted disc brake system for alstom-LHB Design-Power car Coaches.	MDTS077 REV.03 (without brake disc and emergency brake cable Box NPZ 1-S or passenger emergency pilo valve)	NIL	33501439	II	RCF	Safety	
3.12	12	Panel Mounted Brake system for Hybrid Coaches	RDS0/2009/C G-16	—				30353282				
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	GUIDE BUSH FOR AXLE BOX GUIDE ARRGT.		DRG.NO. T-0-1-634/2 ALT 'k'	30011231	II	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	HPPA BUSHES FOR BOGIE ALTERNATOR BRACKETS TO ITEM 1		DRG NO-T-0-3-813 ALT 'c'	30321359	II	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	HPPA BUSHES FOR BOGIE ALTERNATOR BRACKETS TO ITEM - 2.		DRG.NO:T-0-3-813, ALT 'c'	30321360	II	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	BRAKE GEAR BUSHES (HIGH PERFORMANCE POLYAMIDE)		DRG.NO. T-3-2-808, ITEM-3ALT 'd'	30326710	II	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	SELF LUBRICATED POLYESTER RESIN BUSHES FOR BOGIE BRAKE .	Note: TO BE PROCURED FROM RDSO APPROVED SOURCES ONLY	DRG.NO.T-3-2-809,ITEM-4, ALT 'b'.	30327179	II	ICF	Safety	89, 90

3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	BUSH FOR BOLSTER SPRING SUSPENSION BRACKET .	Note: ITEM COATED WITH RUST PROOF OIL SHALL BE COVERED IN BIO- DEGRADA BLEPOLYT HENE COVER AND PACKED IN WOODEN CRATES.	T-0-3- 626/1ALT- "s"	30922082	III	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	BUSH		DRG EMU 34031 ITEM 1 ALT 'n'	31340210	III	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	BUSH		DRG EMU 34031 ITEM 2 ALT 'n'.	31340234	III	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	BUSH		DRG EMU 3-4-031 ITEM 3 ALT 'n'.	31340258	III	ICF	Safety	89, 90
3.13	13	Brake Gear Bushes a) Polyester Resin b) HPPA c) Any other type of brake gear bush	C-K605 RDS0/2009/C G-17	SK-81039	BUSH		EMU/M-0-6- 019/1 ALT 'NIL'.	31930414	III	ICF	Safety	89, 90
3.14	14	Screw Couplings	C-9505	SK-99001	SCREW COUPLING ASSY.(ENHANCED)	RDSO SPECN. C 9505 (REVISED)- NOV 1996.	DRG.NO.IC F/STD-2-2- 009 ALT 'f'	30236095	II	ICF	Safety	46
3.14	14	Screw Couplings	C-9505	SK-99001	INTER VEHICLE COUPLER PLUG TYPE 'E'		DRG. NO. ICF/SK 75054-COL- I ALT 'j'	31756396	III	ICF	Safety	46
3.15	15	Draw Gear Arrangement	C-9509	SK-99003	DRAW GEAR GENERAL ARRANGEMENT AND THE DRAFT KEY COTTER TO BE TIED UP WITHA WIRE ROPE WITH DRAFT KEY.	RDSO SPECN.C- 9509 REVISION 02.	DRG.NO.IC F/SK-2-1- 011, COL.III, ALT 'y'	30216230	I	ICF	Safety	47

3.16	16	Draw Gear Pads	C-:9501	SK-K3004				30210653		ICF		
3.17	17	Side Buffer Arrangement with face plate	- -	SK-98145	SIDE BUFFER FIXING BOLT, NUT & WASHER TO ITEM 12 =16NOS,ITEM.14 =16NOS AND ITEM.15 =16NOS.		DRG.NO.IC F/STD-2-2-009 ALT 'f'	30220300	III	ICF	Safety	
3.17	17	Side Buffer Arrangement with face plate	- -	SK-98145	SIDE BUFFER ARRANGEMENT WITH FACE PLATE RIVETTED .	Note: FOR PACKING CONDITION REFER TO DRG.NO.IC F/J&T/SK-1714.	DRG.NO.IC F/STD-2-2-009/COL.I EXCEPT ITEMS-12,14 & 15,ALT 'f'.	30220324	III	ICF	Safety	
3.18	18	High Capacity Rubber spring for side buffers	C-K210	SK-K2048				30226030		ICF		
3.19	19	Semi Permanent Coupler for EMU/DMU Coaches	61-B-36	-	LATERAL RUBBER STOP FOR AIR SPRING SUSPENSION		DMU/DPCS 0-5-502/1 ALT 'b'.	30051370	III	ICF	Safety	99
3.19	19	Semi Permanent Coupler for EMU/DMU Coaches	61-B-36	-	DESIGN, MANUFACTURE AND SUPPLY OF HIGH TENSILE AAR 'H' TYPE TIGHTLOCK CENTER BUFFER COUPLER AND ITS ASSOCIATED COMPONENTS FOR FITMENT ON BROAD GAUGE PASSENGER COACHES OF INDIAN RAILWAYS COUPLER MOUNTING ARRGT. ON UNDERFRAME	RDSO SPECN STR.NO. C.K.009 (REV.02) Note: COUPLER MOUNTING ARRGT. ON UNDER FRAME	ICF DRG.NO.L WGFAC-2-1-001 ALT 'a'	30217106	III	ICF	Safety	99

3.19	19	Semi Permanent Coupler for EMU/DMU Coaches	61-B-36	-	DRAW & BUFF GEAR, LEAF SPRING ITEMS, CENTRE ADJUSTMENT DEVICE AND DRAW HOOK FOR SCHAKU COUPLER	ICF/MD/SP EC.207 (REV.00). WITH AMENDMENT NO.1 Note: SCOPE OF SUPPLY SHALL BE AS PER CLAUSE 2.0 (4 & 5) OF PART-B OF ICF/MD/SPEC.207 (REV.00) WITH AMENDMENT NO.1.		31930463	II	ICF	Safety	99
3.20	20	i)High Tensile CBC Coupler ii)Balanced draft gear ii)CBC with transition screw coupling	i)C-K009 ii) RDS02011 CG-03 iii) RD502009 CG-22	CG-K4012 SK-K0036	CHANNEL (MACHINED FOR CBC COUPLER ON ICF COACHES ITEM-1 =4NOS AND ITEM-2 = 4NOS.		DRG NO-SCN7-2-1-704,ALT-'a'	31210053	III	ICF	Safety	100
3.20	20	i)High Tensile CBC Coupler ii)Balanced draft gear ii)CBC with transition screw coupling	i)C-K009 ii) RDS02011 CG-03 iii) RD502009 CG-22	CG-K4012 SK-K0036	High Tensile Tightlock Centre Buffer Coupler with AAR 'H' type head	RDSO/2011/CG-03 date of issue Oct 2011	NIL	33501440	II	RCF		

3.21	21	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	—	HIGHER CAPACITY AIR SPRING (180KN) AS PER FOUR SUCH SETS FORM ONE COACH SET. FASTENERS SHALL BE OF TVS (OR) UNBRAKO (OR) LPS MAKE ONLY. SPARE O RINGS AND FASTENERS SHALL BE SUPPLIED AT THE RATE OF 1 (SET) FOR EACH COACH SET OF AIR SPRINGS AND PACKED SEPARATELY COACH-SET WISE.	RDSO STR NO.C-K406 (REV.2) WITH AMENDME NT NO.1 AND 2 SCOPE OF SUPPLY SHALL BE AS PER CLAUSE 4.1 OF C-K406 (REV.2) WITH AMENDME NT NO.1 AND 2 .PACKING AS PER DRG.NO.IC F/J AND T/SK-1718.		30057309	II	ICF	Safety	97, 98
3.21	21	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	—	AIR SUSPENSION CONTROL EQUIPMENT FOR AIR SPRINGS AND SCOPE OF SUPPLY SHALL BE LIMITED TO ITEMS 1,2,3&5 (40 LITRES RESERVOIR WITH 1/2" DRAIN VALUE)	CLAUSE 4.2 OF RDSO C-K407 REV-02.	RDSO STR NO-C-K407REV-02	30354298	II	ICF	Safety	97, 98
3.21	21	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	—	CONTROL EQUIPMENT FOR AIR SUSPENSION SYSTEM AND INSTALLATION OF SS TUBES & DOUBLE FERRULE FITTINGS SUPPLIED BY ICF FOR EMU AND DMU COACHES		MATERIAL SCHEDULE NO ICF/SK-10-2-551 ISSUE STATUS.01 REV:01.	30358176* *	II	ICF	Safety	97, 98

3.21	21	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	—	AIR SUSPENSION CONTROL EQUIPMENTS FOR AIR SPRINGS AS PER GIVEN UNDER CLAUSE 4.2) 150 LIT. RESERVOIR	RDSO STR NO.C-K407 (REV-2) WITHOUT HOSE CONNECTIONS (SL.NO.9 OF SCOPE OF SUPPLY	AS PER RDSO/SK CG-K4026 ALT.1 (CLAUSE 6.5.2 OF STR NO. C-K407 REV.2) 20 LIT. RESERVOIR TO RDSO/SK NO.K-1053 ALT.1 WITH COMPACT DRAIN VALVE	30358462	II	ICF	Safety	97, 98
3.21	21	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	Air suspension a) Air spring 180 KN (High Capacity EMU/DMU) b) Air spring 140 KN(Mainline ICF) c) Air spring120KN(Mainline FIAT) d) Air suspension control equipment	—	AIR SUSPENSION CONTROL EQUIPMENTS FOR AIR SPRINGS (FOR MAINLINE STOCK) AND SCOPE OF SUPPLYSHALL BE LIMITED TO ITEMS-1,2 & 3 WITH 1/2" COMPACT DRAIN VALVE AT THE RATE OF 4 NOS PER COACH.	ITEMS-1,2 & 3 OF CLAUSE 4.2 OF C-K407 (REV.02)		30358759	II	ICF	Safety	97, 98
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	SHOCK ABSORBER		DRG. NO. ICF/SK-01-192 ALT.'e'.	30016617	I	ICF	Safety	
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	DOUBLE ACTING HYDRAULIC SHOCK ABSORBER FOR VERTICAL APPLICATION AND GUARANTEE SHALL BE AS PER CLAUSE 8 .	RDSOSPECIFICATION C 8703 (REV.02)		30056068	I	ICF	Safety	

3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	DOUBLE ACTING HYDRAULIC SHOCK ABSORBERS FOR VERTICAL APPLICATION	Note: GUARANTEE SHALL BE AS PER CLAUSE 8 OF RDSO SPECIFICATION C-8703 (REV.2) SHALL BE PROCURED FROM RDSO APPROVED SOURCES.	DRG.NO.ICF/SK-0-5-015, ITEM-2, ALT 'p'	30056070	I	ICF	Safety	
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	DOUBLE ACTING HYDRAULIC SHOCK ABSORBER FOR LATERAL APPLICATION		ICF/SK 05 016/1 ALT A	30056081	I	ICF	Safety	
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	DOUBLE ACTING HYDRAULIC SHOCK ABSORBER FOR LATERAL APPLICATION .	Note: GUARANTEE SHALL BE AS PER CLAUSE 8 OF RDSO/SPECIFICATION C-8703 (REV.02) TO BE PROCURED FROM RDSO APPROVED SOURCES ONLY.	DRG.NO.ICF/SK-0-5-016/4, ALT. 'g'	30056925	I	ICF	Safety	
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	TRANSOM COMPLETE FOR AIR SPRING SUSPENSION BOGIE WITHOUT TOP FLANGE	THE REQUIREMENTS AS PER ICF/MD/SPECN.147, REV-02. WITH AMENDMENT NO.1.	DRG.NO.DC/EMU/M/ASR-0-3-003/COL.VI, ALT 'j' DRG.NO.EMU/M-0-3-032/ITEM-1.ALT 'g'	31036077	III	ICF	Safety	

3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	LATERAL DAMPER FOR SECONDARY-AIR SPRING SUSPENSION ARRANGEMENT.	GUARANTEE SHALL BE AS PER CLAUSE 8 OF RDSO SPECIFICATION C-8703 (REV-2) :	TO DRG NO.DC/EMU/M/ASR 0-5-005/ITEM-1, ALT 'n'	31050530	I	ICF	Safety	
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	VERTICAL DAMPER FOR SECONDARY AIR SPRING SUSPENSION ARRANGEMENT	GUARANTEE SHALL BE AS PER CLAUSE 8 OF SPECIFICATION C-8703 (REV.2).:	TO DRG.NO.D MU/DPC5 0-5-503/ITEM-2 ALT. 'k'	31050542	I	ICF	Safety	
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	VERTICAL DAMPER FOR SECONDARY AIR SPRING SUSPENSION ARRANGEMENT	AS PER CLAUSE 8 OF SPECIFICATION C-8703 (REV.2).	TO DRG. NO.DMU/DPC5 0-5-503/ITEM 1 ALT k,	31050554	I	ICF	Safety	
3.22	22	Conical spring for primary suspension of EMU (ICF Bogie) a) Internal Damping b) External Damper	RDSO/2010/CG 07 RDSO/2010/CG 01	—	LATERAL DAMPER FOR SECONDARY AIR SPRING SUSPENSION ARRANGEMENT	AS PER CLAUSE 8 OF RDSO SPECIFICATION C 8703 (REV.2).:	TO DRG.NO.D C/EMU/M/ASR 0-5-005/ITEM2 ALT 'n'	31050566	I	ICF	Safety	
3.23	23	Bolster suspension Hanger	C-K105	As per ICF drg	ONE SET OF BOGIE BOLSTER ARRANGEMENT FOR 13 T BOGIE CONSISTING OF 1 NO. - BOGIE BOLSTER ASSY. AND 2 NOS. OF LOWER SPRING BEAM ASSY.	SPECN. ICF/MD/SPECN/094.	DRG.NO. T-04-601. COL.IV	30040243	III	ICF	Safety	44
3.24	24	Hanger Block	C-K202	As per ICF drg.	BLOCK HANGER MODIFIED	RDSO SPECIFICATION C-9808 REV.04 WITH CORRIGENDUM NO.1.:	DRG.NO.T-32-645, ITEM-1, ALT 'h',	30922173	II	ICF	Safety	
3.24	24	Hanger Block	C-K202	As per ICF drg.	HANGER		DRG NO, T-05-639, ITEM - 1,ALT.'G'.	30922525	II	ICF	Safety	

3.25	25	Brake Block Hanger	C-9808	CG-K9117	BOGIE FRAME ARRANGEMENT FOR YRD4 DRIVING BOGIE (1 NO. PER SET) INCLUDING BOGIE BOLSTER ARRANGEMENTS FOR YRD4 DRIVING BOGIE (1 NO. PER SET) AND LOWER SPRING BEAM ARRANGEMENT YRD4 DRIVING BOGIE AND (2NOS. PER SET)	ICF SPECN.NO. M/D/SPECN. /089	DRG.NO. YRD 4-03- 202/COL.I TO DRG.NO. MG/T-05- 060 COL.VII	30034358	III	ICF	Safety	45
3.25	25	Brake Block Hanger	C-9808	CG-K9117	HANGER BLOCK FOR BOLSTER SUSPENSION .		DRG.NO. T- 0-5- 638/ITEM-1, ALT.'C'	30051046	III	ICF	Safety	45
3.25	25	Brake Block Hanger	C-9808	CG-K9117	HANGER		T-05-63-901	30051058	III	ICF	Safety	45
3.26	26	Brake Beam	—	As per ICF Drg. No.T-3-3-624	BRAKE BEAM FOR AIR BRAKE COACHES (MODIFIED).		DRG.NO.T- 3-2- 650/COL- IALT. 'J' WITHOUT ITEM - 11	30321347	III	ICF	Safety	
3.26	26	Brake Beam	—	As per ICF Drg. No.T-3-3-624	BRAKE BEAM COMPLETE.(WITHOU T BUSHES WHEREVER APPLICABLE).		GS7-3-2- 710 COL.I. ALT 'b'	30326618	III	ICF	Safety	

3.26	26	Brake Beam	—	As per ICF Drg. No.T-3-3-624	BRAKE BEAM (NYLON BUSH). ANTI-CORROSION EPOXY	TO RDSO SPECN.M&C/PCN/123/2006 WITH AMENDMENT NO.1. Note: COATING SHOULD BE A RDSO APPROVED PRODUCT AND THE FIRM SHALL SUBMIT CERTIFICATE ISSUED BY M&C DIRECTORATE OF RDSO FOR CONFORMING FINISHED ITEMS SHALL BE PACKED IN WOODEN CRATES TO AVOID PAINT DAMAGE DURING TRANSIT AND MACHINED	TO DRG.NO.T-3-2-624/COL.IV, ALT.'L' - WITHOUT ITEM-6	30921995	III	ICF	Safety	
3.26	26	Brake Beam	—	As per ICF Drg. No.T-3-3-624	BRAKE BEAM INNER AND OUTER TO COL.I-4NOS.(WITHOUT NYLON BUSHES WHEREVER APPLICABLE), (WITHOUT NYLON BUSHES WHEREVER APPLICABLE).	:	DRG.NOS. DMU/DPC5-3-2-505, ALT 'a',	31321550	III	ICF	Safety	
3.27	27	Suspension Coil springs	WD-01-HLS-94	-				31011263		ICF		
3.28	28	Safety Wire rope	—	—	SAFETY WIRE ROPE FOR BRAKE BEAM		DRG.NO.T 3-2-651 COL.I ALT'j'.	30321256	III	ICF	Safety	

3.29	29	Axle end steel high tensile cap screws	IS:1367	AB/RB-39-2002	SPECIAL SCREW FOR AXLE BOX GUIDE ARRGT THE MANUFACTURER'S NAME/LOGO SHALL BE STAMPED ON SCREW HEAD.		DRG.NO.T-0-1-616/2 ALT 't'	30011085	III	ICF	Safety	42
3.29	29	Axle end steel high tensile cap screws	IS:1367	AB/RB-39-2002	HEX.HEAD SCREW.	TO RDSO SPECIFICATIONC-9307 (REV.2)WITH AMD-NO-1. :	DRG.NO.T-0-2-619/ITEM-2 ALT 't'	30020189	III	ICF	Safety	42
3.29	29	Axle end steel high tensile cap screws	IS:1367	AB/RB-39-2002	HEX HEAD SCREW.	RDSOSPECIFICATION C-9307 (REV.2) WITH AMENDMENT NO.1. :	DRG. NO.T-0-2-619/ITEM-1 ALT. 't'	30020591	III	ICF	Safety	42
3.29	29	Axle end steel high tensile cap screws	IS:1367	AB/RB-39-2002	LOCKING PLATE FOR WHEEL AND AXLE		DRG.NO.T-0-2-819/1 ALT 'b'.	30020931	III	ICF	Safety	42
3.30	30	Locking Plate	—	AB/RB-39-2002	LOCKING PLATE FOR CENTER PIVOT ARRANGEMENT		DRG.NO.T-0-6-612, ITEM 1,ALT'e'.	30064193	III	ICF	Safety	41
3.30	30	Locking Plate	—	AB/RB-39-2002	LOCKING PLATE FOR CENTRE PIVOT ARRANGEMENT (FOR CRASH WORTHY COACHES)		GS7-0-6-706/1, ALT 'NIL'.	30064200	III	ICF	Safety	41
3.30	30	Locking Plate	—	AB/RB-39-2002	LOCKING PLATE FOR ANCHOR LINK SCREWS		T-0-7-610/1 ALT. 'e'	30070442	III	ICF	Safety	41
3.31	31	Vacuum Brake Equipment including rubber components a) Vacuum Cylinder b) Hose Pipe c) Vacuum Reservoir d) DA Valve						30353294		ICF		

3.32	32	Axle Box Housing Arrangement	RDSO/2007/CG-08	-	AXLE BOX HOUSING (ROUGH MACHINED)	GUARANTEE SHALL BE AS PER CLAUSE 13 RDSO OF SPECIFICATION NO.RDSO/2 007/CG-08 WITH AMENDMENT SLIP NO.1. FINISH MACHINED AXLE BOX HOUSING SHALL BE GIVEN A PEELABLE PLASTIC COATING OF 25-35 MICRONS THICKNESS OVER MAIN BORE AREA (OR) MAIN BORE SHALL BE TIGHTLY CLOSED ON BOTH ENDS WITH PLASTIC COVERS TO	DRG NO.T- 0-2- 602/ITEM 3,ALT 'u'	30020414	III	ICF	Safety
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3.32	32	Axle Box Housing Arrangement	RDSO/2007/CG-08	-	AXLE BOX HOUSING (FINISH MACHINED)	GUARANT EE SHALL BE AS PER CLAUSE 13 OF RDSO SPECIFICAT ION NO.RDSO/2 007/CG-08 WITH AMENDME NT SLIP NO.1. FINISH MACHINED AXLE BOX HOUSING SHALL BE GIVEN A PEELABLE PLASTIC COATING OF 25-35 MICRON THICKNESS OVER MAIN BORE AREA. (OR) MAIN BORE SHALL BE TIGHTLY CLOSED ON BOTH ENDS WITH PLASTIC	DRG.NO.T- 0-2- 602/ITEM-2 ALT 'u'	30020487	III	ICF	Safety	
3.32	32	Axle Box Housing Arrangement	RDSO/2007/CG-08	-	AXLE BOX HOUSING (ROUGH MACHINED)		DRG.NO. MG/T-0-2- 002/ ITEM-3 ALT 'm'.	30024031	III	ICF	Safety	
3.32	32	Axle Box Housing Arrangement	RDSO/2007/CG-08	-	AXLE BOX HOUSING (ROUGH MACHINED)	AS PER CLAUSE 13 OF RDSO SPECIFICAT ION NO.RDSO/2 007/CG-08.	DRG.NO.E MU/M-0-2- 002/ITEM-3 ALT 'H'	31020021	III	ICF	Safety	
3.32	32	Axle Box Housing Arrangement	RDSO/2007/CG-08	-	AXLE BOX REAR COVER FULLY MACHINED .	:	DRG.NO.E MU/M-0-2- 004 ITEM-2 ALT 'u'	31020239	III	ICF	Safety	

3.32	32	Axle Box Housing Arrangement	RDSO/2007/CG-08	-	AXLE BOX HOUSING (FULLY MACHINED)	RDSO 2007/CG/08	EMU/M/0-2-002 ITEM 2 ALT H	31027064	III	ICF	Safety	
3.32	32	Axle Box Housing Arrangement	RDSO/2007/CG-08	-	BEARING BOX.		DRG NO.EMU 34029, ITEM-1 ALT 'n'	31340180	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	LOWER SPRING SEAT	Manufacturer's name, month and year of manufacturing shall be punched on the item for identification .	DRG.NO.D L-0-1-103,COL.II, ALT'z'.	30010676	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	LOWER RUBBER WASHER FOR AXLE BOX GUIDE ARRGT.		DRG.NO.T-0-1-601/1ALT 'w'.	30010755		ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	GUIDE RING (ACETAL HOMOPOLYMER) FOR AXLE BOX GUIDE ARRANGEMENT		DRG. NO.T 0-1-640/1, ALT.'b	30011255	II	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	HYTREL UPPER WASHER WITH AMENDMENT NO.2 AND HYTREL LOWER WASHER	TO SPECN.RDS O.C-K-409REV-2 .	DRG.NO.C G.K4058 ALT 3	30011334	II	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	COLLAR ITEM-1 - 8NOS.RETAINING RING -8 NOSRING -8 NOS.(ITEMS 1 TO 3 MAKES ONE COACH SET).		DRG.NO.T-0-2-621 ALT 'h' ITEM-1 DRG.NO.T-0-2-629 ALT 'j' ITEM-1 TO DRG.NO.T-0-2-628 ALT.'f'	30020724	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	1.RING - 8NOS. 2.COLLAR - 8NOS. 3.SECURING CUP - 8NOS.SL.NOS. 1 TO 3 MAKES ONE SET AND TO BE SUPPLIED IN SETS ONLY.		RING- DRG.NO.E MU/M-0-2-006, ITEM-1, ALT 'j'- COLLAR TO DRG.NO.E MU/M-0-2-005, ITEM-1, ALT 'p', SECURING CUP DRG.NO.E MU/M-0-2-007ITEM 1, ALT 'NIL'	30020934	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BSS BRACKET		DRAWING NO.T-0-3-622/COL.I ALT 'q'.	30030160	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	GUIDE WITH CLOSING PLATE FOR AXLE BOX GUIDE ARRANGEMENT .		DRG.NO.T-0-3-670/COL-I.ALT-'I'	30030225	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	ANCHOR LINK BRACKET .	Note: THE FIRM SHALL SUBMIT WELDING PROCEDURE SPECIFICATION (WPS) CERTIFIED BY THIRD PARTY LIKE M/S.RITES, M/S.TUV, M/S.BVQI, M/S.LLOYD S ETC., FOR THE FIRST TIME SUPPLY, BEFORE PLACEMENT OF ORDER. THE SUBMITTED WPS SHALL BE CLEARED BY DESIGN OFFICE/ICF.	DRG.NO.T-0-3-635 COL-II. ALT'I	30030330	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BRAKE HANGER BRACKET - HEAD STOCK (FABRICATED DESIGN)		DRG.NO.ICF/SK-03208 COL-I, ALT' c'.	30030468	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE FRAME COMPLETE		DRG.NO.T-03-601 COL.VII	30030500	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE FRAME ARRGT.(13T) WITHOUT GUIDE	RDSO SPECN.C-9202 WITH AMENDMENT NO.1. SPEC ICF/MD/SPECN.147.	DRG. NO. T-0-3-804 COL-III	30030535	III	ICF	Safety	

3.33					BOGIE ITEMS CONSISTING OF (1) BRAKE HANGER BRACKET FOR BOGIE FRAME = 4NOS. (2) BRAKE HANGER BRACKET FOR BOGIE FRAME (3) LATERAL DAMPER ASSEMBLY BRACKET =2NOS. (4) INSTALLATION LEVER BRACKET ASSY. = 2NOS. (5) STOPPER ASSEMBLY 2NOS. (6) STOPPER ASSEMBLY = 2NOS. (7) STOPPER ASSEMBLY = 4NOS. (8) BRAKE BLOCK HANGER BRACKET (9) BRAKE BLOCK HANGER BRACKET = 2NOS (10) WIRE ROPE BRACKET = 4NOS. (11)BENT PIPE COMPLETE =8NOS (12)WIRE ROPE BRACKET NIL=8NOS.		DRG.NO.D C/EMU/M-0- 3-008 COL- I, ALT `g TO DRG.NO.D C/EMU/M-0- 3-008 COL- II, ALT `g`=4NOS.,D RG.NO.DC/ EMU/M/AS R-0-3-002 COL- IV,DRG.NO. DMU/DPC5 0-3-509 COL.I, ALT`a`= 2NOS. (6) DRG.NO.D MU/DPC5-0- 3- 509 COL.II,ALT `a` = 2NOS. (7) DRG.NO.D MU/DPC5-0- 3-511 COL.I,ALT ``a` = 4NOS. (8) DRG.NO.D MU/DPC5-0- 3- 520COL.I, ALT `NIL`= 2NOS. (9)	30030584	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BRACKET FOR ANCHOR LINK ON BOGIE FRAME (BOLTED DESIGN)		DRG.NO.T- 0-3- 680,COL.I, ALT `NIL`.	30030596	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE FRAME COMPLETE (WITH GUIDE)	RDSO SPECN.C-9202 REV.02. Note 1: THE FIRM SHALL FULFIL THE REQUIREMENT AND SPECIAL CONDITION AS PER ANNEXURE . Note 2:	TO DRG.NO.T-0-3-920, COL.I, ALT-'h' AS PER ICF/MD/SP ECN.147 ISSUE STATUS 01, REV.02WITH AMENDMENT NO.1	30034358	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE FRAME COMPLETE WITH ROLLED SECTION (WITHOUT GUIDE)	AND RDSO/SPEC C-9202 ,REV.02. AS PER ICF/MD/SPE C-147, ISSUE STATUS 01, REV.02. Note1 : THE FIRM SHALL FULFIL THE REQUIREMENT WITH AMENDMENT NO.1. SPECIAL CONDITION AS PER ANNEXURE . Note 2: ICF/APPROVED SOURCES ONLY NEED TO QUOTE.	TO DRG.NO.T-0-3-920,COL-I ALT 'h'	30034437	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	GUIDE WITH CLOSING PLATE FOR AXLE BOX GUIDE ARRANGEMENT	Note: GUIDES SHALL BE APPLIED WITH RUST PREVENTIVE OIL ON THE MACHINED SURFACES AND EACH GUIDE SHALL BE COVERED WITH BIO-DEGRADABLE POLYTHENE COVER (THICKNESS 25 MICRONS MINIMUM) THE FINISH MACHINED PORTION OF THE GUIDE WITH 115MM DIA SHALL BE TIGHTLY COVERED WITH FRP/HDPE SLEEVE AND	TO DRG.NO.E MU/M-0-3-094 COL.I ALT 'g'.	30034449	III	ICF	Safety	
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3.33	33	Fabricated ICF Type bogie	C-9202	-	GUIDE WITH CLOSING PLATE FOR AXLE BOX GUIDE ARRGT WITH CIRCLIP	Note1 : THE FINISH MACHINED PORTION OF THE GUIDE WITH 115MM DIA SHALL BE TIGHTLY COVERED WITH FRP/HDPE SLEEVE PROTECTIN G THE END AND PACKED IN WOODEN CRATES HAVING 2 GUIDES IN EACH CRATE. THE SUPPLIER SHALL ENSURE THAT THE MACHINED SURFACES ARE NOT DAMAGED DURING TRANSIT. GUIDES SHALL BE	DRG.NO.T-O-3-670/COL-II ALT 'I'.	30037116	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BRACKET ASSEMBLY FOR BOGIE SUPPORT FRAME		GS7-0-3-708, COL.I, ALT 'NIL'.	30037153	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	HOUSING-STEEL CASTING FOR CENTRE PIVOT ON BOGIE BOLSTER		DRG.NO.G S7-0-4-703/1, ALT 'NIL'.	30040255	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	STEEL CASTING ROUGH MACHINED FOR CENTRE PIVOT HOUSING .	TO SPEC. IS:2074/92 Note1 : MACHINED PORTIONS SHALL BE COATED WITH RUST PREVENTI ON OIL AND OTHER OUTER PORTION SHALL BE PAINTED WITH RED OXIDE ZINC CHROMATE PRIMER TO A THICKNESS OF 15-20 MICRONS. GURANTEE- ITEM SHALL BE GURANTED AGAINST BLOW HOLES POROSITY OR CRACKS FOR ONE YEAR	DRG.NO.IC F/SK 0-4- 042/ITEM.1. ALT 'h'	30047092	III	ICF	Safety	
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3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE BOLSTER ARRANGEMENT 13T ,(WITHOUT NYLON BUSH ITEM 7)	Note1: THE FIRM SHALL FULFIL THE REQUIREMENTS "BOGIE BOLSTER WEARING PLATE INSIDE THE SIDE BEARER HOUSING SHOULD BE FREE FROM SPATTER, OILED AND COVERED CONDITION." Note 2: ITEM SHALL BE SUITABLE PACKED TO AVOID INGRESS OF WATER IN CENTRE PIVOT HOUSING AND SIDE BEARER HOUSING - BIO-DEGRADA	DRG.NO.T-0-4-654,COL.I, ALT'f	30047109	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BRACKET FOR ANCHOR LINK ON BOGIE BOLSTER (BOLTED DESIGN) FOR NON AC COACHES.		DRG.NO.T-0-4-657 COL.I, ALT 'b'	30047134	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BRACKET FOR ANCHOR LINK ON BOGIE BOLSTER (BOLTED DESIGNFOR AC COACHES.		T-0-4-657, COL.IIALT 'b'	30047146	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	UPPER RUBBER WASHER FOR BOGIE BOLSTER SUSPENSION	Note1 : GUIDES SHALL BE APPLIED WITH RUST PREVENTIVE OIL ON THE MACHINED SURFACES AND EACH GUIDE SHALL BE COVERED WITH BIO-DEGRADABLE POLYTHENE COVER (THICKNESS 25 MICRONS MINIMUM) THE FINISH MACHINED PORTION OF THE GUIDE WITH 115MM DIA SHALL BE TIGHTLY COVERED WITH FRP/HDPE SLEEVE AND	T 0-618 /1 ALT P	30050807	II	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	WEARING PIECE FOR SIDE BEARER		DRG. NO. T0-5-649/1.ALT`k`	30051149	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	UPPER RUBBER WASHER FOR BOGIE BOLSTER SUSPENSION .	.	DRG.NO. T-0-5-618/1ALT`p`	30051277	II	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	LOWER SPRING BEAM ARRANGEMENT	ICF/MD/SP ECN.094 REV.00 WITH AMENDMENT NO.1. Note1 : THE FIRM SHALL FULFIL THE REQUIREMENTS FINISHED ITEMS SHALL BE PACKED IN WOODEN CRATES TO AVOID PAINTDAMAGE DURING TRANSIST AND MACHINED SURFACES TO BE RUST PROOF OIL COATED AND COVERED WITH BIO DEGRADABLE PLASTIC SHEETS..	DRG.NO.T-0-5-667/COL.I ALT -j	30054205	III	ICF	Safety	
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3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE ITEM CONSISTING OF (1) TOP FLANGE FOR L.S.BEAM =2NOS. (2) BOTTOM FLANGE FOR L.S.BEAM =2NOS. (3) RIB =6NOS.(4) LUG =4NOS. (5) LUG =12NOS.	Note: THE ITEMS SHALL BE PACKED SETWISE FIRST IN BIO-DEGRADABLE POLYTHENE COVERS AND THEN IN WOODEN CRATES.	DRG.NO. T-0-5-644/ITEM-1,ALT 'f' DRG.NO.T-0-5-606 ITEM-1,ALT 'h' DRG.NO.T-0-5-611 ITEM-1, ALT'm' DRG.NO.D C/EMU/M-0-5-005 ITEM-14, ALT'n' TO DRG.NO.T-0-5-645/ITEM-1,ALT 'f'	30057267	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BRACKET FOR L.S.BEAM -4NOS. (WITHOUT ITEM-3), COL.II -4NOS, (WITHOUT ITEM-3) AND L.S.BEAM STOPPER -24NOS. (ALL THE ITEMS MAKE ONE COACH SET AND TO BE SUPPLIED AS COACH SET ONLY)	Note: MANUFACTURER NAME & YEAR TO BE STAMPED IN EACH ITEM.	DRG.NO.T-0-5-666 ALT 'e' COL.I DRG.NO.T-0-5-672/2 ALT 'NIL'	30057280	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BRACKET FOR LS BEAM -2NOS, (WITHOUT ITEM 13) ALT 'd' -2NOS, -12 NOS.& -4 NOS.	Note: ITEM SHALL BE PACKED SET WISE, FIRST IN BIO-DEGRADABLE POLYTHENE COVERS AND THEN IN WOODEN CRATES.	DRG.NO.W LRRM-0-5-005/COL.II (WITHOUT ITEM 13) ALT 'd' WLRRM-0-5-005/COL.III WLRRM-0-5-007/2 ALT 'NIL'	30057292	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE SUPPORT FRAME		DRG.NO.G S7-0-5-702, COL.I, ALT 'a'. T-0-5-672/2 ALT. NIL	30057310	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE SUPPORT FRAME FOR BOLSTER & SUSPENSION ARRANGEMENT FOR CRASHWORTHY COACHES ' WITHOUT BUSHES WHEREEVER APPLICABLE.		DRG.NO.G S7-0-5-702, COL.II, ALT 'a	30057322	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	CENTRE PIVOT PIN - 1 NO AND COTTER FOR CENTRE PIVOT PIN -1 NO.	Note: TEST CERTIFICATE FOR NORMALISING AS PER DRAWING SHALL BE SUBMITTED WITH EACH LOT. ONE NUMBER PER ORDER MAY BE DESTRUCTIVE TESTED AT ICF TO ASCERTAIN GRAIN FLOW AND GRAIN SIZE. EACH SET SHALL BE COVERED WITH PLASTIC SHEET (25 MICRONS THICKNESS MINIMUM) AND PACKED IN WOODEN CRATE(MA X 2 SET PER	DRG.NO.T-0-6-602/1, ALT 'A' DRG.NO.T-0-6-604/1 ALT 'P'	30060450	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	HEX HEAD BOLT COMPLETE FOR CENTRE PIVOT ARRGT.	Note1: ITEMS COATED WITH RUST PREVENTIVE OIL SHALL BE COVERED IN BIO-DEGRADABLE POLYTHENE COVER BOLT SHALL BE OF MAKE TVS OR UNBRAKO OR LP ONLY. Note 2: TO BE PROCURED FROM ICF APPROVED SOUR	DRG.NO.T-0-6-614/COL.IA LT 'd'	30060606	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	CENTRE PIVOT PIN COMPLETE (SINGLE PIECE DESIGN)		DRG.NO.ICF/SK3-0-6-001/COL.I ALT 'a'	30067042	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	ADJUSTER (STEEL CASTING)		DRG. T-3-1-804/1 ALT. 'f'.	30310441	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	LEVER HANGER .		DRG.NO.GS7-3-2-709/1, ALT 'NIL'	30326655	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE FRAME COMPLETE (WITH GUIDE)	RDSO SPECN.C-9202 REV.02.	DRG.NO.T-0-3-920, COL.I,ALT-'h'	30921594	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BEARING		DRG.NO.T-0-5-642 ITEM-1, ALT. 'x'.	30922008	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	ADJUSTER (FABRICATED DESIGN)		DRG NO.T-3-1-807,ITEM-1,ALT-'a'	30922045	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	BELT TENSIONING BRACKET .	Note: ITEM COATED WITH RUST PREVENTIVE OIL SHALL BE COVERED WITH BIO-DEGRADABLE POLYTHENE COVER AND PACKED IN WOODEN CRATES.	DRG.NO.T-0-3-678/COL.II. ALT.'g'	30922150	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	SPIGOT HOUSING (ITEM.1 SHOULD BE SUPPLIED IN LOOSE CONDITION). THE MANUFACTURER'S NAME, MONTH AND YEAR OF MANUFACTURE SHALL BE PUNCHED ON THE ITEM FOR IDENTIFICATION.		DRG.NO.ICF/SK-04-099 COL.I, ALT 'c'	30922665	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	UPPER RUBBER WASHER FOR AXLE BOX GUIDE ARRGT.		DRG.NO. EMU-0-1-005 ALT 'p'.	31010131	II	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	LOWER RUBBER WASHER FOR AXLE BOX GUIDE ARRGT.		DRG.NO. EMU/M-0-1-008/1, ALT's'.	31010246	II	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	LOWER SPRING SEAT FORGED TO SUIT THE MACHINED COMPONENT		DRG.NO.ICF/J&T/SK/FORGE-0-1-219/1, ALT 'b' .PACKING CONDITION AS PER DRG.NO.ICF/J&T/SK-1766 ALT 'NIL'	31010532	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	LOWER SPRING SEAT (FORGED) TO SUIT THE MACHINED COMPONENT		TO DRG.NO.T-0-1-642/1, ALT 'e'. PACKING CONDITIONS AS PER DRG.NO.ICF/J&T/SK-1766.	31010581	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	GUIDE BUSH FOR AXLE BOX GUIDE ARRGT		DRG NO.EMU/M-0-1-023/2 ALT 'e'.	31016030	I	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	LOWER SPRING BEAM & VERTICAL BRACKET ASSEMBLY	ICF/MD/SPECN.094, ISSUE STATUS 01, REV.00. Note 1: THE FIRM SHALL FULFIL THE REQUIREMENTS QAP SHALL BE SUBMITTED FOR APPROVAL OF ICF. Note 2: TO BE PROCURED FROM ICF APPROVED SOURCES.	DRG.NO. DMU/DPC10-0-3-010/COL.I, ALT 'NIL' AND GENERALLY CONFORMING	31036065	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	HEADSTOCK COMPLETE FOR BOGIE FRAME	THE FIRM SHALL FULLFILL THE REQUIREMENTS AS PER ICF/MD/SPECN.147, REV-02.WITH AMENDMENT NO.01. ICF APPROVED SOURCES ONLY NEED TO QUOTE.	DRG.NO.E MU/M/0-3-004 COL.I, ALT 'h'	31036089	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE FRAME	RDSO/SPECN. C-9202 REV-02. Note1: THE FIRM SHALL FULFIL THE REQUIREMENT AS PER ICF/MD/SPECN.147 ISSUE STATUS 01, REV.02. Note2: QAP SHALL BE SUBMITTED FOR APPROVAL OF ICF.SPECIAL CONDITION AS PER ANNEXURE -	DRG.NO.IC F/MRVC/M-0-3-001/COL.I ALT.'a' (WITHOUT NYLON BUSHES WHERE EVER APPLICABLE)	31036090	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	EMU GUIDE (FORGED) TO SUIT THEFINISH MACHINED COMPONENT		DRG.NO.IC F/J&T/SK/F ORGE-0-3-201, ALT 'b' DRG.NO.E MU/M-0-3-094/1, ALT 'h'AND TO DRG.NO-T-0-3-670/1 ALT 'I' AND T-0-3-670/2 ALT 'I'.	31036107	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE FRAME (WITHOUT NYLON BUSHES WHERE EVER APPLICABLE)	RDSO SPECN.C-9202,REV-02.	ICF/MRVC/ D-0-3-001/COL.I ALT 'a'	31036119	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	BOGIE BOLSTER ARRGT.	RDSO SPECN.C- 9202 REV.02. Note1: THE FIRM SHALL FULFIL THE REQUIREM ENTS, STATUS:01 WITH AMD NO:01. ITEM SHALL BE SUITABLEY PACKED TO AVOID INGRESS OF WATER IN CENTER PIVOT HOUSING AND SPIGOT HOUSING THREADED AIR CONNECTI ON AT BOLSTER END SHALL BE CLOSED BIO- DEGRADA BLE PLASTIC/W	TO DRG.NO.IC F/MRVC/M- 0-4- 001/COL.I, ALT 'F' AS PER ICF/MD/SP ECN.147 (REV.02) PACKING CONDITIO N AS PER DRG.NO.IC F/J&T/SK- 2047.	31040081	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	WEARING PIECE FOR SIDE BEARER ON BOLSTER SUSPENSION BRONZE .		DRG.NO.E MU/M0-5- 010/1 ALT 'k'.	31050130	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	RUBBING PLATE FOR BOLSTER SUSPENSION .		DRG.NO.E MU/M0-5- 010/1 ALT 'k'.	31050220	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	RUBBING PAD FOR BOGIE BOLSTER		TO DRG.NO.D MU/DPC5-0- 5-507/1 ALT.NIL/2.	31050608	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	LINER FOR BOGIE FRAME(MANGENESE STEEL)		ICF/SK/0-5- 169/1 ALT 'a'.	31056106	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	BOTTOM BUSH.	Note: THE MANUFACTURERS NAME MONTH AND YEAR OF MANUFACTURER SHALL BE STAMPED ON THE ITEM FOR IDENTIFICATION	EMU/M-0-6005/1, ALT 'k'.	31060020	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	TOP BUSH	Note: THE MANUFACTURERS NAME AND YEAR OF MANUFACTURER SHALL BE STAMPED ON THE ITEM FOR IDENTIFICATION.	EMU/M-0-6005/1, ALT 'k'.	31060031	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	HEX HEAD BOLT COMPLETE FOR CENTRE PIVOT ARRGT.	Note1: ITEMS COATED WITH RUST PREVENTIVE OIL SHALL BE COVERED IN BIO-DEGRADABLE POLYTHENE COVER BOLT SHALL BE OF MAKE TVS OR UNBRAKO OR LPS ONLY.	EMU/M-0-6014/COL.I ALT 'd'	31060122	III	ICF	Safety	

3.33	33	Fabricated ICF Type bogie	C-9202	-	CENTRE PIVOT PIN COMPLETE	Note1: ITEM SHALL BE COVERED WITH PLASTIC SHEET (25 MICRONS THICKNESS MINIMUM) AND PACKED IN WOODEN CRATE. (MAX TWO NUMBERS PER CRATE).	EMU/M/-0-6-002/COL.III. ALT 'v'	31060134	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	CENTRE PIVOT PIN COMPLETE		EMU/M-0-6015 COL.I.ALT-'NIL'.	31060146	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	SLEEVE COMPLETE FOR C.P.PIN		T-0-6-603 COL.II.ALT 'h'.	31060158	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	CHANNEL (MACHINED FOR CBC COUPLER ON ICF COACHES ITEM-1 =4NOS AND ITEM-2 = 4NOS.		DRG NO-SCN7-2-1-704,ALT-'a'	31210053	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	CENTER PIVOT PIN		EMU/M-0-6/002/5	31930372	III	ICF	Safety	
3.33	33	Fabricated ICF Type bogie	C-9202	-	CENTER PIVOT PIN		EMU/M-0-6002/6	31930384	III	ICF	Safety	
3.34	34	FIAT Bogie	—	—	Complete Bogie set of LHB coach.	NIL	1267400	33502237	III	RCF		
3.35	35	Equalising stay	—	SK 881 05 alt 3	1.STOP =2NOS, 2. BRACKET FOR EQUALISINGSTAY =2NOS (EXCEPT ITEM 5) 3. SIDE BEARER HOUSING =2NOS. SL.NOS. 1 TO 3 MAKES ONE SET		DRG.NO.T-0-4-631 COL.I ALT 'g' DRG.NO.W LRRM-0-4-002 COL.III. ALT 'A'	30047122	III	ICF	Safety	

3.35	35	Equalising stay	—	SK 881 05 alt 3	EQUALISING STAY WITHOUT ITEMS 5 AND 6 (NYLON BUSH).	RDSO SPECN:M&C/PCN/123/2006.WITH AMENDMENT NO.1. Note: FINISHED ITEMS SHALL BE PACKED IN WOODEN CRATES TO AVOID PAINT DAMAGE DURING TRANSIST AND MACHINED SURFACES TO BE RUST PROOF OIL COATED AND COVERED WITH BIO DEGRADABLE PLASTIC SHEETS. THE ITEM SHOULD BE COATED WITH TWO COATS OF	DRG.NO.IC F/SK-0-5-132/COL.I ALT 't'	30056860	III	ICF	Safety	
4.1	75	LED BASED TAIL LIGHT	RDSO/PE/SPEC/EMU/0063 (Rev. '1') – 2004	—	Led type tail light with flasher unit	EDTS215	NIL	33540226	I	RCF	Safety	6 C-III
4.2	78	LED based head code, GPS based passenger information system and public address system for EMUs/MEMUs	RDSO/PE/SPEC/EMU/0065 (Rev. '3') with Amnd. No.1	—	GPS based passanger information	EDTS270 TYPE-III	NIL	33552678	I	RCF	Vital	8 C-III
4.3		PIS for coaches	RDSO/PE/SPEC/AC/0087 (Rev. 0)	-				34010051		RCF		
4.4	1	Low Maintenance Lead Acid Battery 75 Ah for locomotives (PPCP Container)	RDSO/PE/EMU/SPEC/0014-2000 (Rev. '0') with Amendment No. 1&2	—	70 AH,110V,54cells of 2V(9 module of 12 V each) maint free,pre charged pure lead tin monoblock battery set	EDTS129 REV. NIL	NIL	33560328	I	RCF	Safety	1.1(a) C-IV
4.5	2	Battery for EMUs 90 Ah (LM) (PPCP Container)	RDSO/PE/EMU/SPEC/0014-2000 (Rev. '0') with Amendment No. 1&2	—				34680056		RCF		

4.6	3	210 Ah LMLA battery	IS:6848-1979 With Amndt. No. 1, 2 & 3 and Annexure H with correction slip of RDSO.	—				34680007		RCF		
4.7	4	120 AH (110V) Battery for train lighting in PP-CP Container	RDSO/PE/SPEC/AC/0058- 2005 (Rev. '0')	—				34010040		RCF		
4.8	5	120 Ah VRLA Battery for train lighting	RDSO/PE/SPEC/AC/0009 – 2008 (Rev. '1') with Amndt 1	—				33614477		RCF		
4.9	6	525 Ah LMLA	RDSO/PE/SPEC/AC/0058- 2005 (Rev. '0')	—				33641523		RCF		
4.10	7	800 Ah LMLA	RDSO/PE/SPEC/AC/0058- 2005 (Rev. '0')	—				34680019		RCF		
4.11	8	450Ah LMLA (MG AC Coaches)	RDSO/PE/SPEC/AC/0058- 2005 (Rev. '0')	—				34680068		RCF		
4.12	9	1100 Ah VRLA Battery	RDSO/PE/SPEC/AC/0009 – 2008 (Rev. '1') with Amndt 1	—				33614471		RCF		
4.13	10	650 AH VRLA	RDSO/PE/SPEC/AC/0009 – 2008 (Rev. '1') with Amndt 1	—				34680020		RCF		
4.14		2v 1100 Ah LMLA Battery for Air-conditioning		—	70 AH,110V,vrla lead acid maintenance free battery (9 nosx12V)	RDSO/PE/SP EC/AC/0009- 2008, REV-1 with AM- 1,RCFANNX .A	NIL	33561400	I	RCF		1.1(a) C-IV
4.15	42	50 kVA Transformer for AC coaches	RDSO Spec. EL/EOG/6/93 (Rev A)-97 for 50 kVA	—	60 KVA transformer 750V/415V,3-phase,4 wire,vector configuration star-star	RDSO/PE/SP EC/AC/0080 (REV-0)- 2007, AM-2 WITH RCF CORP.2.	NIL	33551042	I	RCF	Safety	18 C-IV
4.15	43	60 kVA Transformer for AC coaches	RDSO/PE/SPEC/AC/0080) (Rev-0)-2007 with Amendment- 1 & 2 for 60 kVA	—				33635183	I	RCF	Safety	18 C-IV
4.15	44	9 kVA Transformer for non-AC coaches	RDSO specification No. RDSO/PE/SPEC/ TL/0158- 2010 (Rev.0)	—				33635043	I	RCF	Safety	18 C-IV
4.15	45	15 kVA Transformer for non-AC coaches	RDSO specification No. RDSO/PE/SPEC/ TL/0158- 2010 (Rev.0)	—				33635250	I	RCF	Safety	18 C-IV
4.16	54	Power transformer for EMU 1000 kVA	RDSO/PE/SPEC/EMU/0137- 2009 (Rev. '0')	—	9 KVA 750V/415/190V, 3-phase star-star-star,dry transformer air cooled power distriubition transformer- for train lighting load	RDSO/PE/T L/0158- 2010,REV-0, TYPE-1	NIL	33553555	I	RCF	Safety	
4.17	16	ERRU for 4.5 kW alteranator	RDSO/PE/SPEC/AC/0013- 2011 (Rev.2)	—				34730000	-	RCF	Safety	2(a) C-IV

4.18	17	ERRU for 25 kW alternator	RDSO/PE/SPEC/AC/0013-2011 (Rev.2)	—				34730011	I	RCF	Safety	2(a) C-IV
4.19	31	Dry type air filter for air-conditioned coaches underslung and conventional RMPU	RDSO/PE/SPEC/AC/0055-2003 (Rev-1) – Jan.2004	—				34610005	I	RCF	Safety	3.1 C-IV
4.20	32	Dry type air filter for LHB RMPU	RDSO/PE/SPEC/AC/0055-2003 (Rev. '1') - 2004	RDSO/PE/SPEC/AC/0073 - 2004 (Rev. '0') & RDSO/PE/SPEC/AC/0074 - 2004 (Rev. '0')				33681235	I	RCF	Safety	3.1 C-IV
4.21	22	BLDC Fan	RDSO/PE/SPEC/TL/0021 (Rev. '2') - 2005	—				34750009	I	RCF	Safety	5 C-IV
4.22	25	Regulated battery charger	RDSO/PE/SPEC/AC/0129 (Rev. '0') - 2009	—	Regulated Battery Charger for LHB AC Sleeper Coaches	RDSO/PE/SP NIL EC/AC/0129-2009,REV-0		33560535	I	RCF	Safety	16(a) C-IV
4.23	26	Constant voltage and constant current pre-cooling unit and battery charger for SG AC coaches	RDSO/PE/SPEC/AC/TL/0053 (Rev.0) Aug. 2007 with Amnd. 1 dtd. 08.01.2010.	—				34750010	I	RCF	Safety	16(a) C-IV
4.24	29	Battery charger for 110 V 40 Ah battery	RDSO Spec. EDTI/PS/1 (6/81)	—				34750022	I	RCF	Vital	16(a) C-IV
4.25	30	Battery charger for 110 V 200 Ah battery	RDSO Spec. EDTI/PS/24 (6/81)	—				34730023	I	RCF	Vital	16(a) C-IV
4.26		DG set 500 KVA and above 3-phase 3-wire diesel alternator set with power and control panel	DA set -EDTS-102 power and control panel	—				34140001		RCF	Safety	17.0
4.27	47	LED type emergency light unit	ICF/Elec/917 (Rev. '1')	—				34610017	I	RCF	Safety	20 C-IV
4.28		Emergency lighting system for LHB EOG coaches	EDTS 151, Rev. 'C' Amend - 1	—				33642308	I	RCF	Safety	22 C-IV
4.29		Carbon Brush Block for Railway Carriage Fans		—				34100003	I	RCF		2 C-I
4.30		Solid State Temperature Controller for AC Coaches	RDSO/PE/SPEC/AC/0020- (Rev.'0')	—				34600000	III	RCF		
4.31		Micro-Processor control panel for air conditioned coaches with Roof Mounted AC Package unit for LHB design	Cl. 7.4, 8.36 & 9.4 of RDSO/PE/SPEC/AC/0061-2005 (Rev. '0')	—				33681247	I	RCF	Vital	9.3 C-IV
4.32		Railway Carriage Fan (110V AC/DC)	IS 6680 Annex. 'H' - 2005	—				34670002	III	RCF	Vital	
4.33	21	Endless 'V' Belt for Railway coaches size C 122 & C 81	RDSO/PE/Spec/AC/0059-2004 (Rev-0) Amd-1	—				34090009	I	RCF	Safety	6 C-IV
4.34		Miniature Circuit Breakers	Spec/E-12/1/04 Mar. 92 with Amend 1	SKEL-3700 Alt. 1				34390005	III	RCF	Safety	
4.35	18	4.5kW 110/ 120V DC Alternator	RDSO/PE/SPEC/TL/ 0054-2003 (Rev.'0') with Amnd. 1 & 2.	—				34680032	I	RCF	Safety	7.1 C-IV
4.36	19	12kW 110 / 130 V DC Alt.	EL/TL/41/A	—				34610108	I	RCF	Safety	7.2 C-IV
4.37	20	25kW 110 /130 V DC Alternator	RDSO/PE/SPEC/AC/0056-2004 (Rev.'0') with Amendment no. '1'	—				34750034	I	RCF	Safety	7.3 C-IV
4.38	34	Roof Mounted AC Package Units	ELPS/SPEC/AC/ 03 (Rev.2) with Amendment no. 1 & 2	—				34810006	I	RCF	Safety	9.1 C-IV
4.39	36	AC Control panel for roof mounted AC package units	ELPS/SPEC/AC/ 04 (Rev.3) with Amendment no. 1	—				34610029	I	RCF	Safety	9.2 C-IV

4.40	37	Roof mounted AC package unit for LHB variant AC coaches.	RDSO/PE/SPEC/AC/0061 – 2005 (Rev. '1')	–				33550694	I	RCF	Safety	9.3 C-IV
4.41	39	415 V, 3-phase induction motor for roof mounted AC package units.	RDSO/PE/SPEC/AC/0089 (Rev. '0') with Amendment 1 & 2	–	Roof Mouted AC package unit for LHB Railway power car	RDSO/PE/SP EC/AC/061(REV-0) WITH AMENDME NT-3(TYPE-11) AND RDSO LETTER No. EL/7.2.2/MO TOR DATED 12.09.2011	NIL	33560572	I	RCF	Safety	9.5 C-IV
4.42	24	25 kVA under slung inverter	RDSO/PE/SPEC/AC/0024 (Rev-0) – 2001 with Amndt. 1&2	–				34750046	I	RCF	Safety	10 C-IV
4.43	35	Electronic Time Delay Relay	RDSO/PE/SPEC/0060 Rev. "0" – 2004	–				34610030	I	RCF	Safety	11 C-IV
4.44	27	LED based tail lamp in SLR & power car	RDSO/PE/SPEC/TL/0119-2008 (Rev. '0')	–				34610042	I	RCF	Safety	15 C-IV
4.45		Master Controller	-	–				34610054	III	RCF	Safety	
4.46		Twin Beam Head Light	–	–				34610066	I	RCF	Safety	
4.47		Alarm bell & Bell Push proving	–	–				33635353	III	RCF	Safety	
4.48		Rectifier fan relay	–	–				34720005	III	RCF	Safety	
4.49		EFRA-II, HOBA & Pass switches including rotary/programme switches	–	–				34610078	III	RCF	Safety	
4.50		Driving cab equipment such as horn, wiper,, guard emergency valve, eergency application valve	–	–				33501987	III	RCF	Safety	
4.51		Wheels	–	–	Solid Forged Wheel (Rough Turned) for FIAT IR Bogie (Same as 3.10 above)	IRS-R19-93, PT-II REV3	LW02103 ALT. 'I'	33509025	III	RCF	Safety	18 C-IV
4.52		Under gear items such as side bearer, bogie frame, center pivot, safety bracket			500 KVC 750V/,3 PH diesel alternator set for LHB power car without power car and control panel	RDSO/PS/SP EC/0084-2008, REV-0, WITH RCF ANNEXURE 2	NIL	33552836	III	RCF	Safety	

4.53		Traction motor, gear case, MSU, flexible coupling			Roof Mouted AC package unit for LHB Railway coaches.	RDSO/PE/SP/EC/AC/0061-2005(REV-0)WITHAMENDMENT-3(TYPE-1) AND RDSO LETTER No.EL/7.2.2/MOTOR DATED 12.09.2011	NIL	33560160	III	RCF	Safety	
4.54		Shock absorber			Yaw Damper	TS17.560.10 0 03	LW05103	33500447	III	RCF	Safety	
4.54		Shock absorber			Secondary Lateral Damper	TS17.560.10 0 03	LW05100	33500459	III	RCF	Safety	
4.54		Shock absorber			Primary Vertical Damper	TS17.560.10 0 03	LW05102	33501002	III	RCF	Safety	
4.54		Shock absorber			Secondary Vertical Damper	TS17.560.10 0 03	LW05101	33509001	III	RCF	Safety	
4.55		Helical spring/air spring			Primary Spring for generator car (Inner)	17.248 100 05 (Amendment No. 1 of October,2004), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 7012	1277143 ver 01	33500356	III	RCF	Safety	
4.55		Helical spring/air spring			Primary Spring for generator car (Outer)	17.248 100 05 (Amendment No. 1 of October,2004), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 7012	1277142 ver 01	33500368	III	RCF	Safety	

4.55		Helical spring/air spring			Secondary Spring for generator car side 1 (Inner)	17.248 100 05 (Amendment No. 1 of October,2004), 17.471 101 01 (Amendment No.2 of January,2005), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 701	1277145 ver 01	33500370	III	RCF	Safety	
4.55		Helical spring/air spring			Secondary Spring for generator car side 1 (Outer)	17.248 100 05 (Amendment No. 1 of October,2004), 17.471 101 01 (Amendment No.2 of January,2005), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 701	1277146 ver 01	33500381	III	RCF	Safety	

4.55		Helical spring/air spring			Secondary Spring for generator car side 2 (Inner)	17.248 100 05 (Amendment No. 1 of October,2004), 17.471 101 01 (Amendment No.2 of January,2005), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 701	1268837 ver 01	33500393	III	RCF	Safety	
4.55		Helical spring/air spring			Secondary Spring for generator car side 2 (Outer)	17.248 100 05 (Amendment No. 1 of October,2004), 17.471 101 01 (Amendment No.2 of January,2005), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 701	1268836 ver 01	33500400	III	RCF	Safety	
4.55		Helical spring/air spring			Secondary Lateral Damper for Fiat bogies with air spring	TS17.560.10 0 03	LW05122	33502191	III	RCF	Safety	

4.55		Helical spring/air spring			Primary Spring for LHB Coaches (Outer)	17.248 100 05 (Amendment No. 1 of October,2004), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 7012	1267411 ver 04	33503035	III	RCF	Safety	
4.55		Helical spring/air spring			Primary Spring for LHB Coaches (Inner)	17.248 100 05 (Amendment No. 1 of October,2004), colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 7012	1267412 ver 05	33503047	III	RCF	Safety	
4.55		Helical spring/air spring			Secondary Spring for LHB Coaches (Inner)	17.248 100 05 (Amendment No. 1 of October,2004), 17.471 101 01 (Amenment No.2 of January,2005) colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 7012	1269513 ver 02	33503059	III	RCF	Safety	

4.55		Helical spring/air spring			Secondary Spring for LHB Coaches (Outer)	17.248 100 05 (Amendment No. 1 of October,2004), 17.471 101 01 (Amenment No.2 of January,2005) colour code as per Design's letter No. MD 23151 dated 23/11/2002 & final coat shade RAL 7012	1269514 ver 02	33503060	III	RCF	Safety	
4.55		Helical spring/air spring	—	—	Air Spring Assly for main Line/Rajdhani LHB coaches for FIAT type bogie.	MPLBGASP LHB VERSION 2	NIL	33503527	III	RCF	Safety	
4.56		sole bar and under frame	—	—				34010038	III	RCF	Safety	
4.57		Brake controller	—	—				34900007	III	RCF	Safety	
4.58		EP unit	—	—				34610080	III	RCF	Safety	
4.59		Mounting arrangement for underslung equipment	—	—				34610080	III	RCF	Safety	
4.60		Battery box	—	—				34680044	I	RCF	Safety	
4.61		Pantograph/TRCC	—	—				34090010	I	RCF	Safety	24 C-I
4.62		EP/air brake system including compressor and air drier	—	—				34010014	I	RCF	Safety	
4.63		Cam shaft controller, traction controller, TCMS for metro and EMU	—	—				34710000	I	RCF	Safety	
4.64		Cables, connectors and IV couplers	—	—				34660008	I	RCF	Safety	
4.65		3-phase propulsion system for EMU/MEMu/Metro	—	—				34410004	I	RCF	Safety	
4.66		Insulators	—	—				34010026	III	RCF	Safety	
4.67		Earthing switches	—	—				34610091	III	RCF	Safety	
4.68		Relays and contactors	—	—				34410016	III	RCF	Safety	3 C-VII
4.69		Resistors	—	—				34650003	III	RCF	Safety	

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	OUTER SPRING FOR CASNUB 22 HS BOGIE	R.D.S.O'S SPECN NO- WD-01-HLS-94(REV-3) OF JANUARY '2009 or LATEST.	R.D.S.O'S DRG NO- WD-92058-S/5,ITEM NO-1,ALT NO-12(Twelve) OR LATEST	38040177	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	SNUBBER SPRING FOR CASNUB 22 HS BOGIE	RDSO'S SPECN. NO. WD-01-HLS-94(REV.-3) OF JAN.- 2009 OR LATEST.	RDSO'S DGR. NO- WD-92058-S/5, ITEM- 3,ALT. NO- 12(Twelve) OR LATEST	38040189	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	INNER SPRING FOR CASNUB 22HS. BOGIE	RDSO'S SPECN. NO. WD-01-HLS-94(REV.-3) OF JAN.- 2009 OR LATEST.	RDSO'S DRG. NO. WD-92058-S/5,ITEM NO.-2,ALT NO.- 12(TWELVE) OR LATEST	38040190	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOLSTER SPRING OUTER	SPECN. IS:3195-92 WITH AMENDMENT NO. 2 OF SEPTEMBER 2000 GR.- 60 Si7 AND R.D.S.O'S SPEC. NO. WD-01-HLS - 94 (REV-3) OF JAN. 2009.	RDSO'S DRG. NO. WD-83069-S/1, ITEM NO. 1, ALT. NO.15(Fifteen) OR LATEST	38106127	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOLSTER SPRING INNER	SPECIFICATION IS: 3195-92 WITH AMENDMENT NO.-2 OF SEPTEMBER - 2000- GR - 60 Si7 AND R.D.S.O'S SPECN. NO. WD.-01 - HLS - 94(REV-3) OF JAN. 2009 OR LATEST.	R.D.S.O'S DRG. NO. WD-83069-S/1, ITEM NO. -2 ALT. NO.- 15 (Fifteen)OR LATEST.	38106139	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	SNUBBER SPRING (20.3T AXLE LOAD) FOR CASNUB BOGIE	SPECN: 3195 with amendment no. 2 of sep 2000 GR. 60 Si7 AND R.D.S.O'S SPECN. NO. WD--01- HLS- 94(REV.3) OF JANUARY 2009 OR LATEST.	R.D.S.O'S DRG. NO. WD--83069--S/1 ITEM NO.--3, ALT. NO.-- 15 (Fifteen) OR LATEST	38106140	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	spring plank for casnub bogie		RDSO's SK - 69594. Item No: 1, Alt. No: 34(THIRTY FOUR) OR LATEST.	38106152	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Wedge for Casnub Bogie		RDSO'S SK - 77579, ITEM NO. 1(One), ALT. NO. 7(Seven) OR LATEST.	38106164	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	ADAPTER RETAINER BOLT WITH LOCK NUT FOR CASNUB BOGIE		RDSO'S SK. - 69594 ITEM NO.- 8, ALT. NO. - 34(THIRTY FOUR) OR LATEST.	38106218	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOGIE CENTRE PIN (BG.) FOR BOXN WAGON		IRS'S DRG. NO. W/BE-613, ALT NO.- 01 OR LATEST.	38106267	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	CAST STEEL BOLSTER FOR CASNUB 22 H.S BOGIE	WD-17- CASNUB- 22HS- BOGIE- 92(Rev. 3 of sep2004),Am endment 04 of feb 2010	R.D.S.O'S DRG. NO. WD - 92058 - S/3 ALT. NO.- 7 (SEVEN) OR LATEST.	38106292	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	CAST STEEL BOLTSTER FOR CASNUB-22 NLB BOGIE (FOR MODIFIED SEPARATE TYPE PIVOT)	WD-21- CASNUB- 22NLB BOGIE- 93(Rev. 2 of sep2002),Am endment 04 of feb 2010	R.D.S.O DRG NO WD - 89067- S/4, ALT-12 (TWELVE) OR LATEST.	38106309	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	METAL BONDED RUBBER PAD FOR SIDE BEARER	STR No. 03MISC-86(Rev. 4)	RDSO'S DRG. NO.WD-85076-S/1,ALT.NO. 10(TEN).OR LATEST	38106310	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	MODIFIED ELASTOMERIC PAD COMPLETE	WD-20-MISC-95(Rev. 3) WITH AMENDMENT SLIP NO.4 OF MAY 2006 OR LATEST.	RDSO'S DRG. NO.WD-95005/S-1,ALT. NO. 7(Seven)	38106322	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOGIE CENTRE PIVOT BOTTOM FOR CASNUB BOGIE		R.D.S.O'S DRG. NO. WD-85079 - S/2, ITEM NO.- 1, ALT. NO.- 24 (Twenty Four) OR LATEST.	38106334	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOGIE CENTRE PIVOT TOP FOR CASNUB BOGIES		RDSO'S DRG. NO. WD-85079-S/2, ITEM NO.2, ALT. NO. 24 (Twenty Four)OR LATEST.	38106346	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOGIE CENTRE PIVOT PIN COMPLETE WITH WASHER, SHACKLE LOCK AND LOCK PIN		R.D.S.O'S DRG. NO. WD- 85079-S/2, ITEM NO.- 5,4,7,& 8. ALT. NO.- 24 (TWENTY FOUR)OR LATEST.	38106360	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOLSTER LINER FOR CAST STEEL BOLSTER FOR CASNUB 22W BOGIE		R.D.S.O'S SK.- 77578, ITEM NO.- 2(TWO), ALT. NO.- 6(Six) OR LATEST.	38106371	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	SIDE FRAME FRICTION LINER FOR CASNUB BOGIE		R.D.S.O'S SK. 69594 ITEM NO.- 7(SEVEN), ALT. NO.34 (THIRTY FOUR) OR LATEST.	38106383	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	NARROW JAW ADAPTER fitted with CTRB CLASS 'E' 6" X 11" in CASNUB type Bogie	RDSO's Spec. No. AB/RB-39-2002 (Rev. - 3) with 2 amendments, Amend. No. 2 issued on Nov.' 2008.	RDSO'S DRG. NO. WD- 89067 - S/9 ALT. - 6 (SIX) OR LATEST.	38106401	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE - 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Wide JAW ADAPTER fitted with CTRB CLASS 'E' 6" X 11" in CASNUB 22 W Bogie & BLC type CONTAINER wagons.	RDSO's Spec. No. AB/RB-39-2002 (Rev. - 3) with 2 amendments, Amend. No. 2 issued on Nov.' 2008.	RDSO'S drg. No. SK.-- 78527, ALT. NO.- 4 OR LATEST.	38106425	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Modified Adapter for casnub 22 W Retrofitted bogie.		RDSO's Drg. No. WD-85053/S-1, Alt. No. 4 or latest.	38106437	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Constant contact Polyurethane side bearer pad assembly for NLB Bogie	RDSO'S SPCN NO WD-38-MISC-2004 (REV-1) OF JAN,2008 WITH AMENDMENT NO 1 OF MARCH,2008 OR LATEST	RDSO's Drg no-AAL-021101/N,ALT NO-01(One) or Latest	38106462	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	MAINTENACE KIT FOR CONSTANT CONTACT POLYURETHENE SIDE BEARER PAD For CASNUB 22HS BOGIE (without Housing)	RDSO'S SPCN NO WD-38-MISC-2004 (REV-1) OF JAN,2008 WITH AMENDMENT NO 1 OF MARCH,2008 OR LATEST	RDSO's DRG NO-AAL-021101,ALT NO-08(Eight) OR LATEST Item No 3,4,5 & 6	38106474	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	KIT FOR CONSTANT CONTACT POLYURETHANE SIDE BEARER PAD 'DESIGN-B' WITHOUT HOUSING	RDSO'S SPCN NO WD-38-MISC-2004 (REV-1) OF JAN,2008 WITH AMENDME NT NO 1 OF MARCH,200 8 OR LATEST	RDSO's DRG NO- AAL- 021101/N,A LT NO- 1(ONE), ITEM NO. 3,4,5 & 6 OR LATEST	38106486	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Equalising lever With Bushes		RDSO's SK.- 69597, Item. No.-1,5,6&7 Alt. No.- 41(Forty One). Or latest.	38146629	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Bogie End Pull Rod For Casnub Bogie		RDSO'S SK.- 69597. Item No.-2, Alt.No.- 41(Forty One). Or latest.	38146630	II	ER	Safety	33 & 34

5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	BOGIE BRAKE PUSH ROD		RDSO'S SK-69597 ITEM NO. 3 ALT. NO. 41(Forty One). Or latest.	38146642	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Cast Steel Brake Beam Complete With Bush For Casnub 22 W(M) Bogie		R.D.S.O'S Drg. No. WD- 85084 - S/1. Item No.-1 & 2. Alt.No.- 5 (Five).OR LATEST.	38146769	II	ER	Safety	33 & 34
5.1	1	Cast Steel Bogie and it's components	WD – 10 – CASNUB – 22W – BOGIE –85 , WD – 13 – CASNUB – 22W(M) – BOGIE –88 , WD - 21- CASNUB – 22NLB – BOGIE – 93 (REV. 1), WD-17- CASNUB-22HS-BOGIE-92 (Revision –3), WD-34- CASNUB-22HS (MOD-I)- BOGIE-2004, WD – 39 –CASNUB -22HS (MOD-II)- BOGIE -2009, CONTR- LCCF 20(C)-96 (REV-2 OF DEC-06), WD – 28 – IRF – 108HS (Rev.1).	SK-74512, WD – 85054 – S/2, WD – 89073 – S/2, WD – 04038 – S/2, WD – 04078 – S/1, WD – 04017 – S/2, WD – 08026 – S/2, CONTR – 9404 – S/2, WD – 98014 – S/2	Constant contact Polyurethane side bearer pad assembly for HS Bogie	RDSO'S SPCN NO WD-38-MISC-2004 (REV-1) OF JAN,2008 WITH AMENDMENT NO 1 OF MARCH,2008 OR LATEST	Drg no-AAL021101, ALT NO-08(Eight) OR LATEST, ITEM 1 TO 6.	38100952	-	ER	Safety	-
5.2	2	BOX Bogie for freight stock and it's components	WD-02-UIC-(Mod/Bogies)-86	WD – 4000 – S/02				38101415	-	ER	Safety	-

5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	BEARING PIECE FOR UNCOUPLING GEAR ARRGT FOR BOXN WAGON		R.D.S.O'S DRG. NO. WD-00046-S-01, ITEM NO.-4, ALT. NO.- 2 (TWO) OR LATEST.	38125717	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	kunckle Pivot Pin With Washer	RDSO's STR No- 48-BD-08 of may 2008 or LATEST	RDSO's SK-62724, Item No- 4, Alt No- 23(TWENTY THREE) OR LATEST,	38130350	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	LOCK FOR HIGH TENSILE CENTRE BUFFER COUPLER	R.D.S.O'S STR. NO. 48-BD-08 OF MAY. 2008 OR LATEST.	R.D.S.O'S SK.-62724, ITEM NO.- 8, ALT. NO.- 23 (TWENTY THREE) OR LATEST	38134093	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Toggle for Center Buffer Coupler	RDSO's STR No 48-BD-08 of may 2008 or latest.	RDSO's SK - 62724, Item No- 5(Five), Alt No- 23(Twenty three) or latest	38134111	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Universal Lock Lift Lever Connector	RDSO's STR. No- 48-BD-08 of MAY 2008 OR LATEST.	RDSO's SK-62724, Item No- 6 (Six), Alt No- 23 (Twenty three) OR LATEST	38134123	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	LOCK LIFT LEVER HOOK FOR NON - TRANSITION CBC	R.D.S.O.'S STR NO.48-BD-08 OF MAY 2008 OR LATEST.	R.D.S.O.'S SK.- 62724, ITEM NO. - 7(SEVEN), ALT. NO. - 23(TWENTY THREE) OR LATEST	38134135	II	ER	Safety	25

5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	KNUCKLE FOR CENTRE BUFFER COUPLER	R.D.S.O'S STR.NO.48-BD-08 OF MAY 2008 OR LATEST.	R.D.S.O'S SK.--62724, ITEM NO.--2, ALT. NO.--23 (TWENTY THREE) OR LATEST	38134305	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Yoke Pin support Complete with Wear Plate	RDSO's STR No- 48-BD-08 of May, 2008 or Latest	IRS's Drg No. WA/BD-4462, Alt No.- 5 (five) or Latest	38134688	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Coupler Body for Non-Transition CBC	RDSO's STR No- 48-BD-08 of May 2008 or latest.	RDSO's SK-62724, Item No-1, Alt No-23 (Twenty three)	38135840	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	YOKE FOR HIGH TENSILE CENTRE BUFFER COUPLER	R.D.S.O'S STR NO. 48-BD-08 OF MAY. 2008 OR LATEST.	R.D.SO'S SK.62724, ITEM NO.-3, ALT. NO.-23 (TWENTY THREE) OR LATEST	38135851	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	MK-50 Draft Gear Arrangement Including Draft Gear Follower for High Tensile Centre Buffer Coupler (Non-Transition) for Box-N-Wogan	R.D.S.O'S STR NO. 49-BD-08 OF JUNE. 2008 OR LATEST.	R.D.SO'S DRG. NO. WD-81010-S-03,, ITEM NO.-19, ALT. NO.-10 OR LATEST	38135863	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Striker Casting (BG) With Wear Plate	RDSO's SPECN. NO. 48-BD-08 OF MAY 2008 OR LATEST.	IRS's Drg No.WA / BD-4460,Alt No-7(Seven) OR LATEST	38136132	II	ER	Safety	25

5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Yoke Support Plate for Box-N-Wagan		RDSO's Drg No- WD 80007-S-14, Item No- 6, Alt No- 21(Twentyone) or latest.	38136156	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Striker Casting Wear Plate for Centre Buffer Coupler for Bogie Wagons	RDSO's STR No- 48-BD-08 of May' 2008 OR LATEST.	RDSO's Drg No WD- 87056-S/1, Alt No 4 (Four) OR LATEST	38136168	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Shank Wear Plate for Centre Buffer Coupler for Bogie Wagons	RDSO's STR No. 48-BD-08 of May 2008 or latest.	RDSO's SK- 62724, Item No-10(ten), Alt No- 23(Twenty Three)or latest	38136181	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	KNUCKLE THROWER	R.D.S.O'S STR. NO. 48-BD-08 OF MAY 2008 OR LATEST	R.D.S.O'S SK.- 62724, ITEM NO.- 9, ALT. NO.- 23(TWENTY THREE) OR LATEST	38137604	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	CBC Assembly (Transition)	56-BD-07	SK-62723	38130488	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Clevis, Clevis pin and washer	56-BD-07	WA/BD- 4464, Alt.2 , SK-69508, Alt.4 or latest	38130490	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Screw coupling Lever (BG)	56-BD-07	W/BD-404, Alt.3 or latest	38130518	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Screw coupling Lever and weight (BG)	56-BD-07	W/BD-403, Alt.5 or latest	38130520	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Screw coupling Trunion washer	56-BD-07	W/BD-433, Alt.5 or latest	38130531	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Coupler Body	48-BD-08	SK-62724 (item 1),Alt.23 or latest	38130543	II	ER	Safety	25

5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	Transition srew coupling	56-BD-07	SK-69503	38130555	II	ER	Safety	25
5.3	3	Coupler for freight stock and it's components	24-BD-79, 48-BD-08, WD-66-BD- 06, 56-BD-07	SK – 79555, SK – 62723, WD – 81010-S – 03	yoke pin	48-BD-08	SK-62724 (item 12),ALT.23 or latest	38130567	II	ER	Safety	25
5.4	4	Draft Gear for freight stock and it's components	49-BD-08, WD – 66- BD – 06		kit No-1. for RF-361 High Capacity Draft Gear Consisting of 3 (three) items	1)RDSO's STR NO. 55-BD-90 WITH AMENDMENT NO.3 OF SEPT.1993 OR LATEST 2)MAT & SPECN: POWER METALLURGICAL MATERIAL 3)MAT & SPECN:NO N-FERROUS LEAD,TIN,BRONZE(80-10-10) TO THE GRADE OF UNS-C-93700	1)Draft Gear (Rubber Pad)TO RDSO's DRG. NO.WD-90076-S/01, ALT.NO-01OR LATEST, QTY/Set for 100 nos HTDG- 600 nos. (2)PRE SHORTENING INSERT TO MINER DRG. NO-MINER 26611N, QTY/Set for 100 nos HTDG- 300 nos.(3)BOR E INSERT TO MINER DRG NO-MINER-23269, QTY/Set for 100 nos HTDG- 300 nos.	38135875	II	ER	Safety	28

5.4	4	Draft Gear for freight stock and it's components	49-BD-08, WD – 66- BD – 06		POH KIT NO-1 for MK-50 high capacity draft gear consisting of 4 (four) items		1) Release Spring to BESCO's or Burn Standard Part No. S-127, Qty/Set for 100 nos HTDG-40 nos. 2) Inner Coil Spring to BESCO's or Burn Standard Part No. S-126-2, Qty/Set for 100 nos HTDG-20 nos. 3) Outer Coil Spring to BESCO's or Burn Standard Part No. S-126-1, Qty/Set for 100 nos HTDG-30 nos. 4) Corner Coil Spring to BESCO's or Burn Standard Part No. S-	38135887	II	ER	Safety	28
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5.4	4	Draft Gear for freight stock and it's components	49-BD-08, WD – 66- BD – 06		POH kit NO- 2 of RF-361 high capacity draft gear consisting of 3 items- Item No-1) Centre wedge 30 degree(Qty/Set)- 01, ITEM No-02) Shoe-30 Degree(Quantity in One Set)- 10, Item No-03) Top Follower (Quantity in One Set)- 01.	Item No-01)Centre wedge 30 degree :Material specn-Standard Forging carborized hardness 550 to 683 BHN, ITEM No-02) Shoe-30 Degree :Matl Specn-Standard Forging carburized hardness 444 To 494 BHN, Item No-03) Top Follower :Matl Specn-Drop forged heat Treated	Item No-01) Centre wedge 30 degree :To MINER Drg. No. Drg No-MINER-27607C., Qty/Set for 100 nos HTDG-10 nos.,ITEM No-02) Shoe-30 Degree:To MINER Drg. No. MINER-26651-L-9(Ref 26067-M), Qty/Set for 100 nos HTDG-100 nos., Item No-03) Top Follower :To MINER Drg No-MINER-22161-N., Qty/Set for 100 nos HTDG-10 nos.,	38135899	II	ER	Safety	28
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5.4	4	Draft Gear for freight stock and it's components	49-BD-08, WD – 66- BD – 06		POH KIT NO-2 FOR MARK- 50 HIGH CAPACITY DRAFT GEAR CONSISTING OF EIGHT ITEMS AS PER ANNEXURE ATTACHED.		Item No.1) Centre Wedge to BESCO's Drg. No. E-2805, Qty/Set for 100 nos HTDG-10 nos. Item No. 2) Wedge Shoe Complete to BESCO's Drg. No. G-950, Qty/Set for 100 nos HTDG-20 nos. Item No.3) Tapered Stationary plate to BESCO's Drg. No. F-1052, Qty/Set for 100 nos HTDG-20 nos. Item No. 4) Outer Stationary Plate to BESCO's Drg. No. F-1054, Qty/Set for	38135905	II	ER	Safety	28
5.4	4	Draft Gear for freight stock and it's components	49-BD-08, WD – 66- BD – 06		Rubber spring of high capacity draft gear	55-BD-90	WD-90076-S-01,ALT.1 or latest	38130506	II	ER	Safety	28
5.5	5	Slack less draw bar		UTES/TP-9405-S/001	Slackless Draw Bar	Multisourcing Guideline No. CONTR-02-SDB-MSG-2012	UTES Drg. No. – RUTES/TP-9405-S/001, ALT.-9	38130579		ER	Safety	-

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Horizontal Lever for BOX-N-Wagon		IRS's Drg No- WA / BG - 6335, Alt No- NIL OR LATEST.	38125006	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	MAIN PULL ROD ASSEMBLY (SHORT)WITH BUSHES FOR BOXN WAGON		IRS DRG. NO. WA/BG-6354, ALT. NO.- 3(THREE) OR LATEST.	38125018	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	MAIN PULL ROD ASSLY. (LONG) FOR BOXN WAGON		IRS. DRG. NO. WA/BG-6355, ITEM SL. NO.- 1 (ONE), ALT. NO. -4 (FOUR) OR LATEST.	38125020	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	HAND BRAKE PULL ROD FOR BOXN WAGON COMPLETE WITH BUSHES		IRS'S DRG. NO. WA/BG-6356 SL. NO.- 1(ONE), ALT. NO.-- 3(THREE) OR LATEST.	38125031	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Empty tie Rod for Box-N Wagon		IRS Drg No- WA / BG - 6338, Alt No- 2(TWO) OR LATEST	38125122	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Loaded Tie Rod for BOX N-Wagon		IRS's Drg No- WA / BG - 6342, Alt No - 1 OR LATEST.	38125134	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Brake Gear Shaft Long for BOX-N-Wagon		IRS Drg No-W / BG - 6341, Alt No. NIL OR LATEST.	38125171	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	CONNECTING ROD FOR BRAKE GEAR FOR BOXN WAGON.		R.D.S.O'S DRG. NO. WD-80007-S-19 ,ITEM NO.-2, ALT NO.- 15(FIFTEEN) OR LATEST.	38125183	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	COUPLER ROD (FOR AIR BRAKE) BOXN WAGON		R.D.S.O'S DRG. NO. WD- 00046-S-01, ITEM NO. 1, ALT. NO.- 02(TWO) OR LATEST.	38125225	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	HAND BRAKE SCREW AND HAND BRAKE SCREW NUT		IRS'S DRG. NO. WA/BG-6339, ALT. NO.- NIL OR LATEST AND HAND BRAKE SCREW NUT WITH WASHER TO IRS'S DRG. NO. WA/BG-6346, ALT. NO. - NIL OR LATEST IN ASSEMBLED CONDITION.	38125316	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	CONTROL ROD FOR SLACK ADJUSTER TYPE IRSA-600 FOR BOXN WAGON ,	SPECN. NO. 07-ABR-92 WITH AMENDMENT NO. 4 OF JULY 2000 OR LATEST.	R.D.S.O'S DRG.NO. WD--82064-S-10-RC, ITEM NO.- 2, ALT. NO.- 12(TWELVE) OR LATEST.	38125328	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Main Pull Rod Assembly (Long) for BCN Wagon		IRS Drg No - WA / BG - 6355 Sl.no.- 3(three), Alt No - 4 (FOUR) OR LATEST.	38125511	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Main Pull Rod Assembly (Short) for BCN Wagon		IRS's Drg No- WA / BG- 6354, Alt No- 3(THREE) OR LATEST.	38125523	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Bracket for Empty Load Change Over Large		IRS's Drg No- W/BG - 6348, Alt No- 1 or latest.	38125651	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	BRACKET FOR EMPTY LOAD CHANGE OVER SMALL		I.R.S'S DRG. NO. W/BG-- 6349,ALT. NO.--2 (Two) OR LATEST.	38125663	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	HAND BRAKE PULL ROD FOR BCN WAGON		IRS DRG. NO. WA/BG- 6356 ALT 3 OR LATEST.	38125791	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit No-9 for Slack Adjuster Type IRSA-600 for Box-N-Wagon consisting of Two Items:- 1) Control Rod Head,2)CONTROL Rod. Length of the Control Rod- 1255 + - 1.		Items:-1) Control Rod Head to RDSO's Drg No- WD-82064-S-05-RC, Item No-2, Alt No-7(SEVEN) or Latest.2)CONTROL Rod to RDSO's Drg No- WD-82064-S-10-RC,Item No-2, Alt No-12(Twelve)or latest.	38140184	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	KIT FOR BRAKE BEAM CONSISTING OF 3 ITEMS - (1) STRUT CASTING QTY./KIT-1 NO. (2) END PIECE CASTING QTY./KIT-2 NOS.(1 RH + 1 LH) (3) BUSH QTY./KIT - 2 NOS.		1. WD-89033-S/1,ITEM NO. 1,5,6, Alt. NO. 20 OR LATEST.	38140329	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Brake shoe Key		I.R.S.DRG. No.W/BG - 6150. Alt. No. -2 (two).OR LATEST.	38140949	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Empty load Device IR-ELD -10		R.D.S.O's Drg.No.WD-84074 - S - 01 - RC ,Item.No. 1 To 26, Alt.No.-3(THREE). OR LATEST.	38145110	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Non - Asbestos 'L' type composite Brake Block For Freight stock	R.D.S.O'S Specn.No. WD - 13 - ABR - 2006 With Amendment No. -1 Of May 2007 OR Latest. -	R.D.S.O'S Drg.No. WD - 99062 - S - 01 Alt.No.- 3 (THREE)Or Latest	38145900	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Brake Beam Complete For Casnub Bogie		R.D.S.O'S Drg.No. Wd-89033 - S/1, Item No.1 To 15.Alt.No.- 20 (Twenty)OR LATEST.	38146605	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Modified Brake Gear Pin With Washer And Bulb Cotter.		(1)Pin to SK.No.CCC/ C&W - 4/97,Item,N o.- 3(Three),Alt No.3(Three), (2)Washer to SK.NO.CCC /C&W - 4/97,Alt.No - 3(Three), (3)Bulb Cotter To R.D.S.O'S Drg.NO.WD-94068 -S- 1,Item NO - 1(One).Alt.N o - 4(Four)OR LATEST	38146691	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Brake Beam Hanger And Bush for Brake Beam Hanger		R.D.S.O's SK- 69597, Item No.-12 & 13, Alt.No.-41 (Forty One)Or LATEST.	38146757	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Brake Block Assembly And Details For Casnub Bogie (without Brake Block)		R.D.S.O'S Drg.no.WD-88012-S/1. Item.no.3 To 11,Alt.no.-8 (Eight).OR LATEST and Brake Head (Faricated) To SK.NO.CCC /C & W-2/2000.Alt.No.-3(three) or latest.	38146770	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Slack Adjuster Complete Type IRSA-600 For Box Wagon	R.D.S.O'S Specn.No.-07 ABR-92 With Amendment No.-4 Of July 2000 OR LATEST.	R.D.S.O'S Drg.No. WD-82064-S-01-RC, ITEM NO. 1-48, ALT. NO. 12 OR LATEST.	38148481	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Slack Adjuster Complete Type IRSA -600 for Boxn Wagon (Length of Control Rod is 1255 ±1 mm)	RDSO's Specn. No. 07-ABR- 92 with Amendment No.-4 of July 2000 OR LATEST	RDSO's Drg.no. WD-82064 - S-01 -RC, ALT. NO. 12 or latest	38149400	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit no. 1 for SLACK ADJUSTER TYPE IRSA-600 FOR FREIGHT STOCK CONSISTING 3 (THREE) ITEMS ARE GIVEN BELOW:- 1).TAKE UP SPRING QTY/SET-1 NO. 2)CLUTCH SPRING QTY/SET-1NO. 3)PAY OUT SPRING QTY/SET-1NO.	1)RDSO'S DRG.NO.W D-82064-S-04-RC,ITEM NO.-1,ALT.NO.-6 (SIX) OR LATEST, 2) RDSO'S DRG.NO WD- 82064-S-04-RC,ITEM NO.-3,ALT.NO.-6 (SIX) OR LATEST, 3)RDSO'S DRG.NO.W D-82064-S-04-RC,ITEM NO.2,ALT.N O-6 (SIX) OR LATEST,	38149515	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit No.2 For Slack Adjuster Type IRSA-600 Consisting Of 5 (five) Items as:(1). Adjuster nut to RDSO's Drg.No. WD-82064-S-02-RC, Item No.-2 Alt No.-7 or lates,Qty-01 No (2). Traction Sleeve to RDSO's Drg.No. WD-82064-S-03-RC,Item No. 3, Alt No-7 or latest. Qty-01 No. (3). Guide pin to RDSO's Drg. No. WD-82064-S-03-RC. Item No.-1, Alt No.-7 or latest, Qty-01 No. (4). Clutch sleeve to RDSO's Drg.No. WD-82064-S-03 RC, Item No-4, Alt No.-7 or latest Qty-01 No. (5). Clutch ring to RDSO's Drg.No. WD-82064-S-06-RC ,Item No.-3, Alt No.-4 or latest qty-01 no. As per RDSO'S Specn no. 07-ABR-92 with amendment no.4 of July, 2000 or latest	RDSO'S specn.No.07-ABR-92 with Amendment no.-4 of July 2000.or latest as per annexure attached.	(1). Adjuster nut to RDSO's Drg.No. WD-82064-S-02-RC, Item No.-2 Alt No.-7 or lates,Qty-01 No (2). Traction Sleeve to RDSO's Drg.No. WD-82064-S-03-RC,Item No.-3, Alt No-7 or latest. Qty-01 No. (3). Guide pin to RDSO's Drg. No. WD-82064-S-03-RC. Item No.-1, Alt No.-7 or latest, Qty-01 No. (4). Clutch sleeve to RDSO's Drg.No. WD-82064-S-03-RC, Item No-4, Alt No.-7 or latest Qty-	38149527	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit no.3 for Slack Adjuster type IRSA, - 600 five items as:(1). Leader Nut casing to RDSO's Drg.No. WD-82064-S-07-RC, Item No.-1 alt-6 or latest,Qty-01 No. (2). Leader nut to RDSO's Drg.No. WD-82064-S-02-RC,Item No. 1, alt-7 or latest. Qty-01 No. (3). Dog pin to RDSO's Drg. No. WD-82064-S-05-RC. Item No.-3 alt-7 or latest, Qty-01 No. (4). Leader nut flange to RDSO's Drg.No. WD-82064-S-05-RC, Item No.-1, alt-7 or latest Qty-01 No. (5). Spring sleeve to RDSO's Drg.No. WD-82064-S-09 RC ,Item No.-3, alt-8 or latest Qty-01 No.	RDSO's Specn.No. 07-ABR-92, with Amendment No.4 of July 2000 Or Latest Consisting of 5 (Five) Items	(1). Leader Nut casing to RDSO's Drg.No. WD-82064-S-07-RC, Item No.-1 alt-6 or latest,Qty-01 No. (2). Leader nut to RDSO's Drg.No. WD-82064-S-02-RC,Item No.-1, alt-7 or latest. Qty-01 No. (3). Dog pin to RDSO's Drg. No. WD-82064-S-05-RC. Item No.-3 alt-7 or latest, Qty-01 No. (4). Leader nut flange to RDSO's Drg.No. WD-82064-S-05-RC, Item No.-1, alt-7 or latest Qty-01 No. (5). Spring	38149539	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit No. 5 for slack Adjuster type IRSA - 600, CONSISTING OF 3(THREE) ITEMS: 1) Barrel, 2) Barrel Head, 3) Barrel Spring	R.D.S.O.'S specn.no. 07-ABR- 92, with AMENDMENT No.-4 OF JULY 2000	1) Barrel To R.D.S.O's Drg.No. WD-82064- S-02 - RC,item.No.-3,Alt.No.-7 OR LATEST, 2)Barrel Head To R.D.S.O'S DRG.NO.WD - 82064-S-03-RC,Item No.- 2,Alt.No.-7(Seven) Or Latest & 3)Barrel Spring To R.D.S.O's Drg.No. WD-82064-S-04-RC,Item No.-4, Alt.No.-6 Or Latest.	38149540	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Bearing 45 Tall (Complete) for Slack adjuster Type IRSA - 600 To RDSO's DRG.No. WD-82064-S-RC, Item no.- 7,Alt.No.12(TWELVE) MAT.& SPECN.-IS:2513 & IS:5932 And RDSO's SPECN No.-07-ABR-92 WITH Amendment no.4 of July 2000 OR LATEST.	RDSO's SPECN No.- 07-ABR-92 WITH Amendment no.4 of July 2000 OR LATEST.	RDSO's DRG.No. WD-82064-S-01-RC, Item no.- 7,Alt.No.12(TWELVE) MAT.& SPECN.- IS:2513 & IS:5932	38149552	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit No. 8 For slack adjuster type IRSA - 600 consisting of 6(six) items as follows:(1). Adjuster Spindle to RDSO's Drg. No. WD-82064-S-02-RC, Item No.-4 ,Alt No.-7 (seven) or latest,Qty/set-01 No (2). Safety Collar to RDSO's Drg No. WD-82064-S-10-RC, Item No.-5, Alt No.-12 (twelve) or latest. Qty/set-01 No (3)Spring Dowel Sleeve Heavy 6 x 10 to RDSO's Drg. No. WD-82064-S-10-RC. Item No.-4, Alt No.-12 (twelve) or latest, Qty/set-01 No. (4). Spindle sleeve to RDSO's Drg. No. WD-82064-S-09-RC, Item No.-6, Alt No.-8 (eight) or latest Qty/set-01 No. (5). Dust Bushing to RDSO's Drg. No. WD-82064-S-09-RC , Item No.-2, Alt No.-8 (eight) or latest, Qty/set -01 No. (6). Seal ring to RDSO's Drg No. WD-82064-S-08 RC, Item No.-6, Alt No.-9 or latest, Qty/set-01 No.	R.D.S.O'S SPECN. NO.07- ABR 92 AMENDMENT NO, - 4 OF JULY 2000 OR LATEST	(1). Adjuster Spindle to RDSO's Drg. No. WD-82064-S-02-RC, Item No.-4 ,Alt No.-7 (seven) or latest,Qty/set-01 No (2). Safety Collar to RDSO's Drg No. WD-82064-S-10-RC, Item No.-5, Alt No.-12 (twelve) or latest. Qty/set-01 No (3)Spring Dowel Sleeve Heavy 6 x 10 to RDSO's Drg. No. WD-82064-S-10-RC. Item No.-4, Alt No.-12 (twelve) or latest, Qty/set-01	38149564	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit No.- 9 For Slack Adjuster Type IRSA - 600 Consisting Of 2(Two) Items;- (1).Control Rod Head (Qty/set-1 no.) 2) Control Rod (qty/set-1 no.), Length Of Control Rod is 775 mm.	1).Control Rod Head TO R.D.S.O.'S Drg.No.WD-82064-S-05-RC, Item No. -2 (Two), AltNo.- 7(Seven)or latest (2) Control Rod TO R.D.S.O.'S Drg.No.WD-82064-S-10-RC, Item NO.-2 Alt. No.-12 (twelve)or latest	R.D.S.O.'S Drg.No.WD-82064-S-05-RC,	38149576	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit no.11 for slack adjuster type IRSA-600 consisting of 5 (FIVE) items as:(1). Adjuster Ear to RDSO's Drg. No. WD-82064-S-10-RC, Item No.-1, Alt No.-12 (twelve) or latest,Qty/set-01 No. (2). Ear Bushing to RDSO's Drg.No. WD-82064-S-010-RC,Item No.-6 Alt No.-12 (twelve) or latest. Qty/set-01 No. (3). Adjuster Tube to RDSO's Drg. No. WD-82064-S-05-RC. Item No.-5, Alt No.-7 (seven) or latest, Qty/set-01 No. (4). Adjuter Tube socket to RDSO's Drg.No. WD-82064-S-06-RC, Item No.-2, Alt No.-4 (four) or latest Qty/set-01 No. (5). Actuating sleeve to RDSO's Drg. No. WD-82064-S-06-RC ,Item No.-1, Alt No.-4 or latest, Qty/set-01 No.	RDSO's specn.No.07-ABR-92.Amendme nt No.4 of July 2000 Or latest .	(1). Adjuster Ear to RDSO's Drg. No. WD-82064-S-10-RC, Item No.-1, Alt No.-12 (twelve) or latest,Qty/set-01 No. (2). Ear Bushing to RDSO's Drg.No. WD-82064-S-010-RC,Item No.-6 Alt No.-12 (twelve) or latest. Qty/set-01 No. (3). Adjuster Tube to RDSO's Drg. No. WD-82064-S-05-RC. Item No.-5, Alt No.-7 (seven) or latest, Qty/set-01 No. (4). Adjuter Tube socket to RDSO's	38149588	II	ER	Safety	1,3,4,61
5.6	6				Overhauling Kit no.13 for slack Adjuster Type IRSA- 600 Consisting of 13 (thirteen) Items	RDSO's Specn no-07-ABR-92 with Amendment No-4 of July' 2000 or latest		38149590	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	OVER HAULING KIT.NO.14 FOR SLACK ADJUSTER TYPE IRSA- 600 FOR FREIGHT STOCK CONSISTING OF 8 (EIGHT) ITEMS AS follows (1). Spring Dwel Sleeve Heavy (6 x 10) to RDSO's Drg. No.WD-82064-S-10-RC, Item No.-4, Alt No.-12 (twelve) or latestQty/set-02 Nos . (2). Lock Washer to RDSO's Drg. No. WD-82064-S-08-RC, Item No.-1, Alt No.-9 (nine) or latest, Qty/set-01 No. (3). Seal ring to RDSO's Drg. No. WD-82064-S-08-RC, Item No.-5, Alt No.-9 (nine) or latest, Qty/set-01 No. (4). Seal ring to RDSO's Drg. No. WD-82064-S-08-RC. Item No-6, Alt No.-9 (nine) or latest, Qty/set-01 No. (5). Spring Dowel Sleeve (5 x 24) to RDSO's Drg. No. WD-82064-S-10-RC, Item No.-3, Alt No-12 (twelve) or latest, Qty/set-01 No. (6). Rubber Gasket to RDSO's Drg. No. WD-82064-S-09-RC, Item	RDSO's Specn no-07-ABR-92 with Amendment No-4 of July or latest	(1). Spring Dwel Sleeve Heavy (6 x 10) to RDSO's Drg. No.WD-82064-S-10-RC, Item No.-4, Alt No.-12 (twelve) or latestQty/set-02 Nos . (2). Lock Washer to RDSO's Drg. No. WD-82064-S-08-RC, Item No.-1, Alt No.-9 (nine) or latest, Qty/set-01 No. (3). Seal ring to RDSO's Drg. No. WD-82064-S-08-RC, Item No.-5, Alt No.-9 (nine) or latest, Qty/set-01 No. (4). Seal ring to RDSO's Drg. No. WD-	38149606	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	POH Kit for Common Pipe Bracket of M/S Escorts Ltd Or Knor-Bremse India Ltd MAKE Consisting of Six items:- 1)Sealing Ring (Qty/set-1 no) , 2)'O' Ring (Qty/set-1), 3)'O' Ring (Qty/set-1),4)Filter (Qty/set-1 no), 5)Seal (Qty/set-1) &6) Seal (Qty/set-1)		1)Sealing Ring to Ek's Part no-EK-05,KBI Pt No-KD-05,2)'O' Ring to EK's Part no-EK-182,KBI Pt No-KD-182, 3)'O' Ring to EK's Part No-EK-186,KBI Pt No-KD-186,4)Filter to EK's part No-EK-191,KBI Pt No-KD-191,5)Seal to EK's Part No-EK-192,KBI Pt No-KD-192 & 6) Seal to EK's Part No-EK-196,KBI Pt No-KD-196	38161000	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	AUXILIARY RESERVOIR SUSPENSION STRAP ALONGWITH M16 STUD WITH NUT AND WASHER		R.D.S.O'S DRG NO- WD-80007-S-12A,ITEM NO-1,ALT. NO-15(FIFTEEN) OR LATEST.	38161011	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Metallic kit for Sub-Assy of M/S Escorts Design DV of Ten Items- 1)Compression Spring (Qty/Set-2 nos.), 2)Split Pin (Qty/Set-8 Nos.), 3)Washer (Qty/Set-8 Nos.), 4)Pin (Qty/Set-6 Nos.), 5)Washer (Qty/Set-1 No.), 6)Supporting Ring (Qty/Set-1 No.), 7)Tab Washer (Qty/Set-4 Nos.), 8)Handle S.A (Qty/Set-6 Nos.), 9)Pressure piece(Freight)(Qty/Set-1),10)Pressure Piece(Passenger),Qty/Set-2 Nos., & 11)Locking Screw (Qty/Set-1 No.)	Items- 1)Compression Spring,EK's Pt No-104, 2)Split Pin ,EK's Pt N0-105,3)Washer,EK's Pt No-106, 4)Pin,EK's Pt No-107, 5)Washer,EK's Pt No-115, 6)Supporting Ring,EK's Part No-116, 7)Tab Washer,EK's Pt no-218, 8)Handle S.A,EK's Pt No-244, 9)Pressure piece(Freight),EK's Pt No 242, 10)Pressure Piece(Passenger),EK's Pt No-248, & 11)Locking Screw,EK's Pt No-112.	38161023	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Poh kit for IRS design Isolating Cock (Ball Type) consisting 3(Three) items:1) Seat ring (Qty./Set-2 Nos.), (2) Sealing Washer (Qty./Set-1 No.) & (3) Gland Packing (Qty./Set-2 Nos.)		Items:1) Seat ring to RDSO's SK-97003, item No. 4, Alt.No.5(Five) OR latest, (2) Sealing Washer to RDSO's Sk-97003, item No.5, Alt.No. 5(Five)OR Latest & (3) Gland Packing to RDSO's SK-97003, item No.8, Alt.No.5(Five)OR latest	38161035	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	SEAL FOR COMMON PIPE BRACKET WITH CONTROL CHEMBER		TO M/S EK'S LIMITED PART NO.196 OR SIMILAR TO KNORR BREMSE INDIA PRIVATE LIMITED PART NO KD-196.	38161047	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Poh kit for Common pipe bracket of M/S Sabwabco make consisting of Five items-SI no 1)Gasket (Qty/set-1 no.), 2)Sealing ring (Qty/set-1 no.), 3)Gasket (Qty/set-1no.), 4)Filter (Qty/set-1 no.), & 5)Sealing ring (Qty/set-2 nos.)		items-SI no 1)Gasket,Sabwabco part no-601702000,2)Sealing ring,Sabwabco part no-604701000,3)Gasket,Sabwabco part no-601703000, 4)Filter,Sabwabco part no-501602000 & 5)Sealing ring,Sabwabco part no-612703000	38161059	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Spares for Main VALVE ASSEMBLY of C3W Design Distributor valve consisting of 2 (TWO) items-ITEM NO.1)Diaphragm Follower, Qty/set-01(One) No.& Item no.2)Large Diaphragm Follower,Qty/Set-01(One) No.		ITEM NO.1)Diaphragm Follower,WABCO PART NO-19186300,Item Ref No-8 & Item no.2)Large Diaphragm Follower to WABCO PART NO-19185900,Item Ref No-10	38161096	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	POH kit for Relay Valve DV to kBI Or ESCORT' Item no-01)Diaphragm ,Qty/Set-One No., 02)Sealing Ring,Qty/Set-Two Nos., 03)Filter, Qty/set-One No., 04)'O' Ring, Qty/Set-One No., 05)Grooved Ring,Qty/Set-Two Nos., 06)Sealing Ring, Qty/set-Two Nos., 07)Sealing Ring , Qty/set-Two Nos., 08)Circlip, Qty/Set-One No.		Pt No-01)Diaphragm to Escorts Pt No-413,KBI Pt No--RV-13,02)Sealing Ring,Escorts Pt No-420,KBI Pt No-RV-20, 03)Filter,Escorts Pt No-412,KBI Pt No-RV-12,04)'O' Ring,Escorts Pt No-422,KBI Pt No-KD-05, 05)Grooved Ring,Escorts Pt No-409,KBI Pt No-RV-09, 06)Sealing Ring,Escorts Pt No-404,KBI Pt No-RV-04, 07)Sealing Ring,Escorts Pt No-421,KBI Pt No-RV-21,& 08)Circlip,E	38161138	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	NON INTERCHANGEABLE METALLIC PARTS FOR ESCORTS MAKE DV CONSISTING OF THIRTEEN ITEMS AS PER ANNEXURE ATTACHED.			38161151	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	PRESSURE ROD FOR EK'S LIMITED MAKE DV		PART NO-114 OR KNORR BREMSE PART NO-KD 114.	38161175	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	POH KIT OF COMMON PIPE BRACKET WITH CONTROL RESERVOIR FOR SIL MAKE CONSISTING OF 5(FIVE)ITEMS-SLNO-a)COMMON PIPE BRACKET,QTY/SET - 01NO. SLNO.b)GASKET, QTY/SET-01 NO., SL.NO.c)'O' RING GASKET, QTY/SET-01 NO., SL NO.d) STRAINER, QTY/SET-01 NO., SL NO.e)GASKET,QTY/SET-02 NOS.,		ITEMS-SLNO-a)COMMON PIPE BRACKET, SILPART NO-08276481, SLNO.b)GASKET,SIL PART NO-08288901 ,SL.NO.c)'O' RING GASKET, SIL PART NO-08287521, SL NO.d) STRAINER, SIL PART NO-08287721, & SL NO.e)GASKET,SIL PART NO-08379823	38161187	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	REPAIR KIT OF KE DESIGN DISTRIBUTOR VALVE CONSISTING OF 22 METALLIC SPARES			38161217	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Spares for Pin Assembly (for Bottom cover) of EK's design DV. consisting of 3 (three) items-(1) Pin ,Qty/Set-01 no., (2)Compression spring ,Qty/Set-01 no.,(3) Compression spring , Qty/Set-01 no.		items-(1) Pin to EK's part no.-92,(2)Compression spring to EK's part no.-97 & (3) Compression spring to EK's part.no.-98	38161242	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	ISOLATING COCK FOR AIRBRAKE WAGONS	RDSO'S SPECN. NO. 02-ABR-02 OF OCTOBER 2003 WITH AMDT. NO. 3 OF APRIL 2010 OR LATEST.	RDSO'S DRG NO WD-83062-S-04, ALT NO-2(TWO) OR LATEST	38161254	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	POH Kit for DV Isolating Cock of M/s Stone India ltd make consisting of Five items-SI 01)'O'Ring-SIL, Qty/Set-02 nos., SL02)Valve Assembly,SL03)Spring , Qty/Set-01 No., SL04)Ring Gasket,Qty/set-02 Nos., SL05)Valve Gasket ,Qty/Set-01 No.		Items-SI 01)'O'Ring-SIL Part No-08270384,S L02)Valve Assembly-SIL Part No-08379741 ,SL03)Spring-SIL Part No-08271101, SL no 04)Ring Gasket-SIL Part No-08585501, SL05)Valve Gasket-SIL Part No-08675301/S ABWABCO PART NO-11746000	38161266	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Spares For R-Charger Handle Assembly of EK's Design DV consisting of 2 (two) items -1)R-Charger Handle , Qty/set-1 no, 2)Control Shaft , Qty/set-1 no.		Items -1)R-Charger Handle to EK's part No.-1008 OR SIMILAR, 2)Control Shaft to EK's part no.-160 or similar	38161278	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pipe seamless 32 mm bore complete with socket 32 mm flange 32 mm. including HEX.NUT	RDSO'S Specn.no.04-ABR-02 with amendment slip no.6 of April 2010 or latest.	RDSO's drg.no- WD-80007-S-11, Alt. no- 9(nine). or latest.(1)Item no-2 for pipe 32 mm bore.(2)Item no-12 for socket 32 mm bore.(3)Item no-13 for flange 32 mm.(4)HEX. NUT RP 1- 1/4" to (IS:3468)	38163240	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pipe seamless 32 mm. bore complete with socket 32 mm.& flange 32 mm.including HEX.NUT	RDSO'S Specn.no.04-ABR-02 with amendment slip no.6(six) of April 2010 or latest.	RDSO'S drg.No.WD-80007-S-11,Alt.No.- 9(nine) or latest.(1)Item no.-1 for pipe 32 mm.bore.(2)Item no.-12 for socket 32 mm.(3)Item no.-13 for flange 32 mm.(4) HEX.NUT to RP 1- 1/4"(IS:3468).	38163251	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pipe Seamless 32 mm.Bore Complete with socket 32 mm,Flange 32 mm & fixed Flange 32 mm	RDSO'S Specn.no.04-ABR-02 with amendment slip no.6of April 2010 or latest.	RDSO'S drg.No.WD-80007-S-11,Alt.No.-9(nine) or latest.(1)Item no.-1 for pipe 32 mm.bore.(2)Item no.-12 for socket 32 mm.(3)Item no.-13 for flange 32 mm. (4) Item no.14 for fixed flange 32 mm.	38163263	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Stainless steel pipe 20 mm bore complete with socket 20 mm, flange 20 mm, socket 20 mm (special) and flange 20 mm (special)	RDSO'S SPECN. NO. 04-ABR-02 of April 2003 with amendment no.6(Six)of April 2010 or latest.	RDSO'S drg.no. WD-80007-S-11, Item nos 8,15,16,17 & 18 alt.no.-9(nine) or latest.	38163317	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	STAINLESS STEEL PIPE 20 MM BORE COMPLETE WITH SOCKET 20 MM AND FLANGE 20 MM	RDSO'S SPECN. NO. 04-ABR-02 of April 2003 with amendment no.6(Six)of April 2010 or latest.	RDSO'S DRG. NO.WD-80007-S-11,ITEM NO. 5,15& 16, ALT .NO.-8 (EIGHT) OR LATEST	38163329	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	GUARD'S EMERGENCY BRAKE VALVE FOR AIR BRAKE ON BRAKE VAN		RD SO'S SK.- 73549 ALT. NO.-5(FIVE) OR LATEST.	38163378	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Brake cylinder 355mm	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment No.3(three) of April.- 2010 or latest.	RDSO's Drg.No.WD-92051-S-06,Item No.- 1 to 17,Alt.No.- 5(Five) or latest.	38163421	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	AIR CYLINDER (WITH NUT M48X2PX38)		RDSO'S DRG. NO-WD-92081-S-54 ALT. NO-1(ONE) OR LATEST.	38163445	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Cut off angle cock with vent (complete) for air Brake wagons	RDSO's Specn. No. 02-ABR-02 of October, 2003 with Appendix-D with amendment no. 3 of April 2010 or latest.	RDSO's Drg.No. WD-88123/S-01,Alt.No.2(Two) or latest and RDSO's Drg.No.WD-88123/S-02,Alt.No.6(six) or latest.	38163585	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	BRAKE CYLINDER 300 MM COMPLETE FOR AIR BRAKE ON FREIGHT STOCK	RDSO's Specn. No. 02-ABR-02 of October, 2003 with Appendix-B or latest and with amendment no. 3 of April 2010 or latest.	R.D.S.O'S DRG. NO. WD-92051-S-11, ALT.NO.-3 (THREE) OR LATEST.	38163615	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Distributor valve complete without common pipe Bracket and control reservoir for freight stock	RDSO's Specn.No. 02-ABR-02,appendix-A1 & A2 of Oct.-03 with amendment No.02 of Jan-2010 OR LATEST		38163822	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	kit for quick release valve consisting of 13 (thirteen) items			38163834	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	PIN ASSEMBLY COMPLETE CONSISTING OF 7(SEVEN) ITEMS			38163846	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Bottom cover complete for ESCORT's distributor valve		M/S. Escorts Ltd, drg. no.3B-67165 Or Similar.	38163860	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	R-charger complete modified for distributor valve		KBI drg.no.KD-203 OR Escorts part no.232 (modified)	38163871	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	PISTON LINING .		SABWABCO INDIA LTD. PART No.- 606702000.	38164206	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	POH KIT FOR 355 MM.BRAKE CYLINDER CONSISTING OF 2(TWO) ITEMS ARE GIVEN BELOW:- (1)PISTON PACKING FOR 355MM BRAKE CYLINDER (QTY/SET-1) & (2)WEAR RING FOR 355MM BRAKE CYLINDER (Qty- 1 no)	RDSO'O SPECN. NO.02-ABR-02 WITH AMENDMENT NO. 3 OF APRIL 2010 OR LATEST.	1)PISTON PACKING FOR 355MM BRAKE CYLINDER TO RDSO'S DRG.NO.W D-92051-S-10, & 2)WEAR RING FOR 355MM BRAKE CYLINDER RDSO'S DRG.NO.W D-92051-S-09,ITEM NO.3(THREE),ALT NO. 2(TWO)OR LATEST	38164218	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Overhauling kit for cut-off angle cock consisting of the following 3(three)items are given below:-(1)Seat, QTY./SET-02 NOS, (2) O-Ring , QTY./SET-01 NO & (3)O-Ring,QTY./SET-02 NOS.		(1)Seat to RDSO'S drg.no.WD-88123-S-02 item no.-7,Alt. no.-6(six) or latest, (2) O-Ring to RDSO'S drg.no.WD-88123-S-02 item no.-5, Alt. no.-6(six) or latest & (3)O-Ring to RDSO'S drg.no.WD-88123-S-02,item no.-6,Alt. no.-6(six) or latest	38164255	II	ER	Safety	1,3,4,61
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5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Overhauling Kit for Dirt Collector consisting of 3 items:-(1)Gasket ,Qty/set-1 no., 2)Washer (leather), Qty/Set-1 no. & 3)Filter Cartridge & Filter Housing ,Qty/Set-1 no.		1)Gasket to RDSO's Drg.no.WD-92051-S-05(sheet-2),Item No.4,Alt No.5(Five)or latest, 2)Washer (leather)to RDSO's Drg No.WD-92051-S-05(Sheet-2)Item No.5,Alt.No-5(Five)or latest. & 3)Filter Cartridge & Filter Housing to RDSO's SK-97005 (Sheet 2),Item No.4 & 3 Alt.No.-2(Two) or latest	38164279	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Gasket for Air Brake Hose Coupling for Brake Pipe		RDSO's SK-73547,Item No.4,Alt No-12(Twelve) or latest.	38164413	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Air Brake hose coupling complete for brake pipe		RDSO'S SK-73547 Item no.-1 to 7.Alt.no.-12(Twelve) or latest.	38164681	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pipe Bracket with control reservoir for Air Brake wagon	RDSO'S Specn.no. 02-ABR-02 with amendment no.-3 of April 2010 or latest.	RDSO'S Drg. no. WD9-7951-S/10,Alt. no.-3(three) or latest	38164693	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	GASKET FOR 32 MM NB PIPE		RDSO'S DRG. NO. WD-83062-S-07, ITEM NO-1, ALT NO-5 (FIVE) Or latest.	38164723	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Dirt collector complete for freight stock	RDSO'S Specn.No.02-ABR-02 with amendment no.- 3 of APRIL.2010 or latest.	RDSO'S drg, No.WD-92051-S-03,Alt.No.-4(Four)or latest	38165168	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	OVERHAULING KIT FOR M/S ESCORTS LTD. MAKE DISTRIBUTOR VALVE CONSISTING OF 47(FORTY SEVEN) ITEMS AS PER ANNEXURE ATTACHED OR SIMILAR.			38165211	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Overhauling Rubber kit for C3W design distributor valve consisting of 42(fortytwo) items as per annexure attached.			38165223	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	R- charger housing with bushes for distributor valve		R- charger housing with bushes for distributor valve to M/S, Escorts Ltd. part.no.EK-163 or KBI part. no. KD-163.	38165260	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Bottom Cover Housing with Bushes for Distributor Valve		M/S,Escorts Ltd,Part No.EK-91,or M/S,Knorr Bremse part No.KD-91.	38165272	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	STUD WITH HEX.NUT AND SPRING WASHER STUD AM12x65	STUD WITH HEX.NUT AND SPRING WASHER STUD AM12x65 TO IS:1862-1975, PROPERTY CLASS P-8.8 WITH HEX.NUT M12 TO IS:1364(Pt-3) 1992, PROPERTY CLASS-8. AND SPRING WASHER TO IS:3063-1994 TYPE-'B'.		38165302	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pin Flat Head (Type-A) 41 Dia x 89 Long		IRS's Drg No- L / PN- 613 / M, Alt No- 3(Three) OR LATEST.	38320642	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	PIN FLAT HEAT COMPLETE WITH WASHER,BULB COTTER,NUT & SPLIT PIN		IRS'S DRG. NO. L/PN- 631/M ITEM NO.-1 TO 5.ALT.NO- 6(SIX) OR LATEST.	38320800	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Auxiliary Reservoir 100ltrs	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment No.3(three) of April.- 2010 or latest.	WD-92051-S-01,ITEM 1 TO 12, ALT.3 or latest	38161953	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Auxiliary Reservoir 75ltrs	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment No.3(three) of April.- 2010 or latest.	WD-92051-S-02, Alt.2 or latest	38161886	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Kit of maintenance spares of air bakes	G-97 (Annexure XIII/10.I& Annexure XIV/I to 7)		38161898	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pipes and joints for air brake for freight stock	04-abr-02		38161904	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	POH kit for air brake equipment other than DV	G-97 (Annexure XIII/2,4,5,6,7,8,9)		38161916	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pressure guage (100 mm) for brake pipe	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment No.3(three) of April.- 2010 or latest.	SK-73553,ALT.4 OR LATEST.	38164991	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Pressure guage (63 mm) for brake pipe	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment no. 3(three) of April 2010 or latest.	WD-92047-S-01,ALT.3 or latest	38161163	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Quick Coupling	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment No.3(three) of April.- 2010 or latest.	WD-91101/S5, Alt.5 or latest	38161928	II	ER	Safety	1,3,4,61

5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Rubber sealing gasket	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment No.3(three) of April.- 2010 or latest.	WD-83062-S-01, Alt.1 or latest	38161930	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Bogie Mounted Brake System	R.D.S.O'S Specn.No. 23-BMBS-2008 or latest	R.D.S.O'S Drg.No.WD-08093-S-02 alt 02 or latest	38142466	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Single piece load sensing device	RDSO's Specn.No.02-ABR-02 of OCT. '03 APPENDIX-P or latest.	WD-01065-S-01,ALT.NIL or latest	38140706	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Check Valve	RDSO's Specn.No.02-ABR-02 of OCT. '03 with amendment No.3(three) of April.- 2010 or latest.	WD-83062-S-03,ALT.2 OR LATEST.	38161941	II	ER	Safety	1,3,4,61
5.6	6	Brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) & their components	WD-02 ABR-2002, WD-04-ABR-2002 WD-23-BMBS-2008, WD-20-ABR-2007, Specification (s) for the relevant wagon	Drawing for brake system for freight stock (Underframe mounted & Bogie Mounted), Brake Rigging (Underframe & Bogie including hand brakes) is specific to the wagon concerned. WD-08093 S/2, WD – 04058-S-01	Isolating cock forAIR BRAKE WAGON	RDSO's Specn.No.02-ABR-02 of OCT. '03 with APPENDIX-I OR LATEST.	WD-83062-S-04,ALT.2 OR LATEST	38161254	II	ER	Safety	1,3,4,61
5.7	7	Brake Blocks for freight stock	WD – 13 – ABR-06, WD – 14 – ABR- 07	CONTR-9404-S-11, WD – 99062-S-01, WD – 00006-S-01				38145893	II	ER	Safety	58,59,60

5.7	7	Brake Blocks for freight stock	WD – 13 – ABR-06, WD – 14 – ABR- 07	CONTR-9404-S-11, WD – 99062-S-01, WD – 00006-S-01	brake block composite k-type	R.D.S.O'S Specn.No. WD - 14 - ABR - 2007 With Amendment No. -1 Of july 09 OR Latest. -	R.D.S.O'S Drg.No. WD - 00006 - S - 01 Alt.No.- 3 (THREE)Or Latest	38140809	II	ER	Safety	58,59,60
5.7	7	Brake Blocks for freight stock	WD – 13 – ABR-06, WD – 14 – ABR- 07	CONTR-9404-S-11, WD – 99062-S-01, WD – 00006-S-01	brake block composite L type	R.D.S.O'S Specn.No. WD - 13 - ABR - 2006 With Amendment No. -1 Of May 2007 OR Latest. -	R.D.S.O'S Drg.No.CO NTR 9404 - S -11 Alt.No. 6 Or Latest	38145893	II	ER	Safety	58,59,60
5.8	8	Slack Adjuster for freight stock	WD-19-ABR-07, WD-07-ABR-1992	WD-93061-S-01,WD – 82064-S-01-RC, WD-90002-S-01-RC	Slack adjuster (IRSA750)	R.D.S.O'S Specn.No. 19 ABR-2007	R.D.S.O'S Drg.No.WD-93061-S-01 alt01 or latest	38142478	II	ER	Safety	7
5.9	9	Wheel & Axle for freight stock	IRS R 19/93 Part-II (Rev 3) with Corr. 1 to 4 or latest (Forged Wheels), IRS R 19/93 Part-III with Corr. 1 to 6 or latest (Cast Wheels), AB/RB – 38-93,	W/WL – 528, W/WL –4764, W/WL – 4771, W/WL – 4750,SK – 68512,69601, , WD –89025-S-5, WD –89025-S-9,CONTR-9404-S/13 Alt.4, WD – 83074 – S – 2	Solid Wheel disc for wagons fitted with cast steel bogies	IRS R-19/93 Part -II (Rev. 4) for Forgrd Steel wheels or IRS R-19/93 Part -III with 06 corrigendums for Cast Steel solid wheels	RDSO drg. No. W/WL-4764 Alt. no. - 9 (for Forged disc) or RWF drg. No. WAP/SK/M-153 latest (for Cast steel Disc)	38064510		ER	Safety	-
5.9	9	Wheel & Axle for freight stock	IRS R 19/93 Part-II (Rev 3) with Corr. 1 to 4 or latest (Forged Wheels), IRS R 19/93 Part-III with Corr. 1 to 6 or latest (Cast Wheels), AB/RB – 38-93,	W/WL – 528, W/WL –4764, W/WL – 4771, W/WL – 4750,SK – 68512,69601, , WD –89025-S-5, WD –89025-S-9,CONTR-9404-S/13 Alt.4, WD – 83074 – S – 2	Steel Axles for for wagon fitted with cast steel bogie of freight stock.	IRS R-16/95 with 03 amendments or latest	RDSO's drg. No. WD-89025-S-02 Alt. 6 or latest	38064522		ER	Safety	-

5.9	9	Wheel & Axle for freight stock	IRS R 19/93 Part-II (Rev 3) with Corr. 1 to 4 or latest (Forged Wheels), IRS R 19/93 Part-III with Corr. 1 to 6 or latest (Cast Wheels), AB/RB – 38-93,	W/WL – 528, W/WL –4764, W/WL – 4771, W/WL – 4750,SK – 68512,69601,, WD –89025-S-5, WD –89025-S-9,CONTR-9404-S/13 Alt.4, WD – 83074 – S – 2	Solid Wheel disc for BLC wagons fitted with cast steel bogies	IRS R-19/93 Part -II (Rev. 4) for Forgrd Steel wheels or IRS R-19/93 Part -III with 06 corrigendum for Cast Steel solid wheels	BLC wheel disc to RDSO Drg. No. CONTR-9404-S-13 alt. no. 5 or latest or RWF Wheel disc to Drg. No. WAP-W-004 .	38064558	-	ER	Safety	-
5.10	10	Automatic Twist Lock and it's components		CONTR-9405-S/21				38408259	III	ER	Safety	-
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Automatic Twist Lock	Multisourcing Guideline No. CONTR-01-ATL-MSG-2011	RDSO drawing no. CONTR-9405-S/21,ALT.-7 (for BLCA/BLC B wagons)	38408120		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Safety valve for Petrol/ Diesel tank wagon.	WD-09-BTPN-2011	WA/TF-87	38408077		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Taper Plug valve for Petrol/ Diesel tank wagon.	WD-06-TPV-93	WD-93066-S-01	38408089		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Safety valve of Valves and dome fittings for LPG tank wagon	WD-05-Barrel-2011	Item no.-6 of WCS-7801-S/62	38408090		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Check valve of Valves and dome fittings for LPG tank wagon	WD-05-Barrel-2011	Item no.-3 of WCS-7801-S/62	38408284		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Liquid eduction valve of Valves and dome fittings for LPG tank wagon	WD-05-Barrel-2011	Item no.-1 of WCS-7801-S/62	38408296		ER	Safety	48

5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Vapour eduction valve of Valves and dome fittings for LPG tank wagon	WD-05-Barrel-2011	Item no.-2 of WCS-7801-S/62	38408302		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Sampling valve with plug of Valves and dome fittings for LPG tank wagon	WD-05-Barrel-2011	Item no.-5 of WCS-7801-S/62	38408314		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Magnetic gauging device of Valves and dome fittings for LPG tank wagon	WD-05-Barrel-2011	Item no.-4 of WCS-7801-S/62	38408326		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Thermometer well of Valves and dome fittings for LPG tank wagon	WD-05-Barrel-2011	As per detail of drg. No WCS-7801-S/62	38408338		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Safety valve of Valves and dome fittings for Caustic Soda tank wagon	WD-04-BTCS-97	Item no.-3 of WD-80114-S/61	38408107		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Vacuum Relief Valve of Valves and dome fittings for Caustic Soda tank wagon	WD-04-BTCS-97	Item no.-4 of WD-80114-S/61	38408340		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Master valve of Valves and dome fittings for Caustic Soda tank wagon	WD-04-BTCS-97	As per detail of drg. No WD-80114-S/64	38408351		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	4” discharge valve of Valves and dome fittings for Caustic Soda tank wagon	WD-04-BTCS-97	Item no.-8 of WD-80114-S/65	38408363		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Safety valve of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	Item no.-6 of WCS-7004-S/61	38408119		ER	Safety	48

5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Excess flow check valve of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	Item no.-3 of WCS-7004-S/61	38408375		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Liquid eduction valve of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	Item no.-1 of WCS-7004-S/61	38408387		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Vapour eduction valve of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	Item no.-2 of WCS-7004-S/61	38408399		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Excess flow check valve of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	Item no.-8 of WCS-7004-S/61	38408405		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Sampling valve Assy. Of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	Item no.-5 of WCS-7004-S/61	38408417		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Magnetic gauging device of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	Item no.-4 of WCS-7004-S/61	38408429		ER	Safety	48
5.11	11	Valves and dome fittings for Petrol/Diesel/LPG /Caustic Soda/Liquid ammonia Tank wagons	WD-09-BTPN-2011 , WD-05-Barrel-2011, WD – 03 – Barrel- 95, WD-04-BTCS - 97, WD – Barrel – 83/CS-4, WD – 05 – TPV-91, WD – 06 – TPV-93	WD-86081-S/52, WCS-7801 S/62, WD-80114-S-61, WCS-7004 S-61	Thermometer well of Valves and dome fittings for liquid ammonia tank wagon	WD-Barrel-92-CS-02	As per detail of drg. No WCS-7004-S/61	38408430		ER	Safety	48
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	CYLINDER ROD CLEVIS ASSEMBLY CONSISTING OF 2(TWO) ITEMS		RDSO'S DRG. NO- WD-92081-S-56,ITEM NO-5a & 5b,ALT NO-5(FIVE) OR LATEST	38130361	-	ER	Safety	-

5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	WORM WHEEL (B.G.)		IRS'S DRG. NO, W/DW-199 ALT.NO.-3(THREE) OR LATEST.	38140330	-	ER		-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Adjustable lever Comp for DOM of BOBRN wagons	WD-57-Misc-2009	WD-96038-S-04 Alt.7 or latest (Item 1 to 7)	38450150	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Operating Shaft (Square) for DOM of BOBRN wagons	WD-60-Misc-2009	WD-96038-S-04 Alt.7 or latest (Item 8 to 10)	38450161	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Eye bolt with nut & bush M 45x4 Rolled Thread (for door links of DOM)	WD-57-Misc-2009	R.D.S.O'S DRG NO-WD-92081-S-57,ITEM NO-2&15,ALT NO-10(TEN) OR LATEST.	38450203	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Eye bolt with bush M 39x3 Rolled Thread (for Turn buckle of DOM)	WD-57-Misc-2009	RDSO'S DRG. NO-WD-92081-S-57,ITEM NO-7 & 17,ALT. NO-10(TEN) OR LATEST.	38450306	-	ER	Safety	-

5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Connecting link Small with bush for DOM of BOBRN wagons	-	WD-92081-S-57 Alt.10 or latest (Item 1 & 14)	38450318	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Connecting link Large with bush for DOM of BOBRN wagons		WD-92081-S-57 Alt.10 or latest (Item 11 & 14)	38457167	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Bearing (Far & Near Side 4 nos. Each)) for DOM of BOBRN wagons	WD-58-Misc-2009	RDSO'S DRG. NO. WD-92081-S-57,ALT.NO-10(TEN), or latest ITEM - 8(EIGHT) with arrangement Drg.NO. WD-92081-S-52, ALT.NO-4(Four), or latest	38450367	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Bronze bush for DOM of BOBRN wagons	WD-01-Bronze bushes-09	RDSO's Drg No-WD-92081-S-57,item-5,Alt No-10 or Latest.	38456072	-	ER	Safety	-

5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Lever (X-END) WITH BUSH for DOM of BOBRN wagons	WD-58-Misc-2009	WD-92081-S-55 Alt.3 or latest (Item 2 & 5)	38450320	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	LEVER (Y-END) WITH BUSH FOR BOBRN WAGON	WD-58-Misc-2009	WD-92081-S-55 Alt.3 or latest (Item 3 & 5)	38450732	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Central Lever for DOM of BOBRN wagons	WD-58-Misc-2009	WD-92081-S-55 Alt.3 or latest (Item 1 & 5)	38452364	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Lug For Door Hinge for end slope plate	-	WD-91071-S-66 Alt.9 or latest (Item 3)	38450719	-	ER	Safety	-
5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Lug For Door Hinge for cross ridge plate	-	WD-91071-S-66 Alt.9 or latest (Item 4)	38450720	-	ER	Safety	-

5.12	12	Door Operating Mechanism for Hopper Wagons and it's components	WD – 13 – BOBRN – 2011	WD – 96038 – S -01, WD – 96038 – S -02, WD – 96038 – S -03, WD – 96038 – S -04, WD – 92081 – S-53, WD – 92081 – S-54, WD – 92081 – S-55, WD – 92081 – S-56, WD – 92081 – S-57, WD – 92081 – S-60, WD – 92081 – S-61	Modified Forged Door Hinge for door of BOBRN wagons	WD-57-Misc-2009	WD-91071-S-66 Alt.9 or latest (Item 9)	38456084	III	ER	Safety	-
5.13	13	Cartridge Type Roller Bearing & it's components	AB/RB-39-2002(Rev. 3) with Amendment 1 & 2 or latest, WD – 50 – Misc – 2007, WD – 24- Misc – 2003 (Rev 1), IS-1367 (P-8.8)	For CTRB - NEI: Drg. No. PESD-6085 (Narrow), PESD-6086 (Wide) TIMKEN: PA - GA 11000 (Wide Jaw) & PA - GA 11100 (Narrow Jaw). For Grease Seal : Timken: C – 27100, NEI: RSD – 7001, SKF: MP – 70113 – 1100, FAG: EDDF – 809099- 91. RWDR. TARL B 00 For other componenets: WD-86002-S/1, WD-86002-S/2, WD-86002-S/3, WD-86002-S/4, WD-87019 S-1, T-O-2-637, SK-69594, WD-85053 S-1, SK-78527, WD-89025 S-9, WD-89067 S/9	Locking plate for Cartridge Tapered Roller Bearing Class 'E' (6" X 11") of freight stock	RDSO's Spec. No. AB/RB-39-2002 (Rev. - 3) with 2 amendments, Amend. No. 2 issued in Nov.' 2008.	RDSO'S Drg. No. WD- 87019 /S-1 Alt. No. - 1 or Latest	38034633	II	ER	Safety	40
5.13	13	Cartridge Type Roller Bearing & it's components	AB/RB-39-2002(Rev. 3) with Amendment 1 & 2 or latest, WD – 50 – Misc – 2007, WD – 24- Misc – 2003 (Rev 1), IS-1367 (P-8.8)	For CTRB - NEI: Drg. No. PESD-6085 (Narrow), PESD-6086 (Wide) TIMKEN: PA - GA 11000 (Wide Jaw) & PA - GA 11100 (Narrow Jaw). For Grease Seal : Timken: C – 27100, NEI: RSD – 7001, SKF: MP – 70113 – 1100, FAG: EDDF – 809099- 91. RWDR. TARL B 00 For other componenets: WD-86002-S/1, WD-86002-S/2, WD-86002-S/3, WD-86002-S/4, WD-87019 S-1, T-O-2-637, SK-69594, WD-85053 S-1, SK-78527, WD-89025 S-9, WD-89067 S/9	AXLE END CAP SCREW (1" DIA 8 UNC 2A X 2.1/4" LONG) FOR CARTRIDGE BEARING ASSEMBLY CLASS 'E' (6"X11")	RDSO's Spec. No. AB/RB-39-2002 (Rev. - 3) with 2 amendments, Amend. No. 2 issued in Nov.' 2008. & IS: 1367		38034645	II	ER	Safety	40

5.13	13				Backing ring for Cartridge Tapered Roller Bearing Class 'E' (6" X 11") of freight stock	RDSO's Spec. No. AB/RB-39-2002 (Rev. - 3) with 2 amendments, Amend. No. 2 issued in Nov.' 2008.	NEI DRG.NO.PE SD-6085,PART No.9,ALT.N o.'B' or LATEST & NEI PART DRG NO.PE/E-1115 NBC or M/s. TIMKEN Drg. No. C-84343 Rev. None	38034670	II	ER	Safety	40
5.13	13	Cartridge Type Roller Bearing & it's components	AB/RB-39-2002(Rev. 3) with Amendment 1 & 2 or latest, WD – 50 – Misc – 2007, WD – 24- Misc – 2003 (Rev 1), IS-1367 (P-8.8)	For CTRB - NEI: Drg. No PESD-6085 (Narrow), PESD-6086 (Wide) TIMKEN: PA - GA 11000 (Wide Jaw) & PA - GA 11100 (Narrow Jaw). For Grease Seal : Timken: C – 27100, NEI: RSD – 7001, SKF: MP – 70113 – 1100, FAG: EDDF – 809099- 91. RWDR. TARL B 00 For other componenets: WD-86002-S/1, WD-86002-S/2, WD-86002-S/3, WD-86002-S/4,WD-87019 S-1, T-O-2-637, SK-69594, WD-85053 S-1, SK-78527, WD-89025 S-9, WD-89067 S/9	Spacer for Cartridge Tapered Roller Bearing Class 'E' (6" X 11"), fitted in CASNUB types bogie of freight stock.	RDSO's Spec. No. AB/RB-39-2002 (Rev. - 3) with 2 amendments, Amend. No. 2 issued in Nov.' 2008.	M/s. NEI Part Drg No- PESD - 6074 Rev.'A' or M/s. TIMKEN Drg No- PA-CSR-11005 Rev. D	38034682	II	ER	Safety	40

5.13	13	Cartridge Type Roller Bearing & it's components	AB/RB-39-2002(Rev. 3) with Amendment 1 & 2 or latest, WD – 50 – Misc – 2007, WD – 24- Misc – 2003 (Rev 1), IS-1367 (P-8.8)	For CTRB - NEI: Drg. No PESD-6085 (Narrow), PESD-6086 (Wide) TIMKEN: PA - GA 11000 (Wide Jaw) & PA - GA 11100 (Narrow Jaw). For Grease Seal : Timken: C – 27100, NEI: RSD – 7001, SKF: MP – 70113 – 1100, FAG: EDDF – 809099- 91. RWDR. TARL B 00 For other componenets: WD-86002-S/1, WD-86002-S/2, WD-86002-S/3, WD-86002-S/4,WD-87019 S-1, T-O-2-637, SK-69594, WD-85053 S-1, SK-78527, WD-89025 S-9, WD-89067 S/9	AAR aproved tapered roller cartridge bearings complete Class-'E' (6"x11") for use on Freight Stock without Adapter	RDSO's STR No.AB/RB-39-2002 (Rev 3) with Amdt.No.2 of Nov'2008 or latest	M/s. NEI Drg no. PESD-6085 (Narrow) Rev. 'C' or M/s. NEI Drg no. PESD-6086 (Wide) Rev. 'C' or M/s. TIMKEN Drg No-PA-GA-11100 - Rev' D' or M/s. TIMKEN Drg No-E - 50602 Rev. 'A'	38037350	II	ER	Safety	40
5.13	13	Cartridge Type Roller Bearing & it's components	AB/RB-39-2002(Rev. 3) with Amendment 1 & 2 or latest, WD – 50 – Misc – 2007, WD – 24- Misc – 2003 (Rev 1), IS-1367 (P-8.8)	For CTRB - NEI: Drg. No PESD-6085 (Narrow), PESD-6086 (Wide) TIMKEN: PA - GA 11000 (Wide Jaw) & PA - GA 11100 (Narrow Jaw). For Grease Seal : Timken: C – 27100, NEI: RSD – 7001, SKF: MP – 70113 – 1100, FAG: EDDF – 809099- 91. RWDR. TARL B 00 For other componenets: WD-86002-S/1, WD-86002-S/2, WD-86002-S/3, WD-86002-S/4,WD-87019 S-1, T-O-2-637, SK-69594, WD-85053 S-1, SK-78527, WD-89025 S-9, WD-89067 S/9	GREASE SEALS FOR AAR STANDARD CLASS 'E' (6"X11") CTRB USED ON CASENUB BOGIES OF FREIGHT STOCK	R.D.S.O'S SPECN. NO. WD-50-MISC-2007 OF OCTOBER 2007 OR LATEST	M/s. Brenco Seal part no. 1107 ST or M/s. Timken Part no. K 86861 or M/s SKF drg. No. MP 70113-1100 issue '07' or M/s. FAG Part no. 120988/5	38037452	II	ER	Safety	40

5.13	13	Cartridge Type Roller Bearing & it's components	AB/RB-39-2002(Rev. 3) with Amendment 1 & 2 or latest, WD – 50 – Misc – 2007, WD – 24- Misc – 2003 (Rev 1), IS-1367 (P-8.8)	For CTRB - NEI: Drg. No. PESD-6085 (Narrow), PESD-6086 (Wide) TIMKEN: PA - GA 11000 (Wide Jaw) & PA - GA 11100 (Narrow Jaw). For Grease Seal : Timken: C – 27100, NEI: RSD – 7001, SKF: MP – 70113 – 1100, FAG: EDDF – 809099- 91. RWDR. TARL B 00 For other componenets: WD-86002-S/1, WD-86002-S/2, WD-86002-S/3, WD-86002-S/4,WD-87019 S-1, T-O-2-637, SK-69594, WD-85053 S-1, SK-78527, WD-89025 S-9, WD-89067 S/9	SIDE FRAME KEY	WD-21-CASNUB-22NLB BOGIE-93(Rev. 2 of sep2002),Amendment 04 of feb 2010	R.D.S.O'S SK.--69594, ITEM NO.--6, ALT. NO.--34(THIRTY FOUR) OR LATEST.	38106097	II	ER	Safety	40
5.14	14	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-25-85 for 16.3 T AB/RB-32/89 (Rev. 1) for 20.3 T AB/RB-30-89 for 22.9 T (BOY wagon) AB/RB-29-87 for 22.9 T (BWT/A wagon)	16.3 T: NEI Drg. No. X-138 & X-110 FAG/NORMA Drg. No. 901-08-101 20.3 T: NEI Drg. No. X-134 & 92-3965 FAG/NORMA Drg. No. 901-01-101 22.9 T (BOY wagon): NEI Drg. No.92-4289a & X-121 22.9 T (BWT/A Wagon): NEI Drg. No.X-127	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-25-85 for 16.3 T	NEI Drg. No. X-138 & X-110 FAG/NORMA Drg. No. 901-08-101	38033045	-	ER	Safety	-
5.14	14	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-25-85 for 16.3 T AB/RB-32/89 (Rev. 1) for 20.3 T AB/RB-30-89 for 22.9 T (BOY wagon) AB/RB-29-87 for 22.9 T (BWT/A wagon)	16.3 T: NEI Drg. No. X-138 & X-110 FAG/NORMA Drg. No. 901-08-101 20.3 T: NEI Drg. No. X-134 & 92-3965 FAG/NORMA Drg. No. 901-01-101 22.9 T (BOY wagon): NEI Drg. No.92-4289a & X-121 22.9 T (BWT/A Wagon): NEI Drg. No.X-127	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-32/89 (Rev. 1) for 20.3 T	NEI Drg. No. X-134 & 92-3965 FAG/NORMA Drg. No. 901-01-101	38033069	-	ER	Safety	-

5.14	14	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-25-85 for 16.3 T AB/RB-32/89 (Rev. 1) for 20.3 T AB/RB-30-89 for 22.9 T (BOY wagon) AB/RB-29-87 for 22.9 T (BWT/A wagon)	16.3 T: NEI Drg. No. X-138 & X-110 FAG/NORMA Drg. No. 901-08-101 20.3 T: NEI Drg. No. X-134 & 92-3965 FAG/NORMA Drg. No. 901-01-101 22.9 T (BOY wagon): NEI Drg. No.92-4289a & X-121 22.9 T (BWT/A Wagon): NEI Drg. No.X-127	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-30-89 for 22.9 T (BOY wagon)	NEI Drg. No. 92-4289a & X-121	38033070	-	ER	Safety	-
5.14	14	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-25-85 for 16.3 T AB/RB-32/89 (Rev. 1) for 20.3 T AB/RB-30-89 for 22.9 T (BOY wagon) AB/RB-29-87 for 22.9 T (BWT/A wagon)	16.3 T: NEI Drg. No. X-138 & X-110 FAG/NORMA Drg. No. 901-08-101 20.3 T: NEI Drg. No. X-134 & 92-3965 FAG/NORMA Drg. No. 901-01-101 22.9 T (BOY wagon): NEI Drg. No.92-4289a & X-121 22.9 T (BWT/A Wagon): NEI Drg. No.X-127	Axle Box Assembly (Cylindrical Bearing) and its components	AB/RB-29-87 for 22.9 T (BWT/A wagon)	NEI Drg. No.X-126	38033082	-	ER	Safety	-
6.1	86	E-type	IRS:S30		E-type lock	IRS:S30	SA3376/M	56506089		SER	Safety	
6.2	87	Wire Insulator	IRS: S-47/74	-	Wire Insulator	IRS: S-47/74	-	56516381		SER	Vital	
6.3	88	Domino type control panel for Railway signaling (including panel buttons).	RDSO/SPN/ 186/2004	-	Domino type control panel for Railway signaling (including panel buttons).	RDSO/SPN/ 186/2004		56211612		SER	Vital	
6.4	89	Terminal Blocks, fuse Terminal Blocks & Miniature fuse links of International standard for Railway signaling .	RDSO/SPN/189/2004	-	Terminal Blocks, fuse Terminal Blocks & Miniature fuse links of International standard for Railway signaling .	RDSO/SPN/ 189/2004	-	56509509		SER	Vital	
6.5	82	Fail Safe Electronic Flasher Device	RDSO/SPN/173/2002 (Amend. No.1)	-	Fail Safe Electronic Flasher Device	RDSO/SPN/ 173/2002 (Amend. No.1)	-	56514335		SER	Safety	I4
6.6	1	Axle Counter Base (Block Proving by MUX, UAC).		Drg. No. S-32001(DL) & S-32010 (SL)	Axle Counter Base (Block Proving by MUX, UAC).	Drg. No. S-32001(DL) & S-32010 (SL)	-	56041123	II	SER	Safety	A1
6.7	3	Block Proving By Axle Counter (BPAC) using UFSBI (For double line and single Line)	IRS:S-105/2012(Ver.0)	-	Block Proving by Axis Counter (BPAC) using UFSB1k For clouble line)	RDSO/SPN/ 188/2004 Ver.-1	-	56041135	II	SER	Safety	A3

6.7	3	Block Proving By Axle Counter (BPAC) using UFSBI (For double line and single Line)	IRS:S-105/2012(Ver.0)	—	Block Proving by Axis Counter (BPAC) using UFSB1k For single line)	RDSO/SPN/188/2004 Ver.-1	—	56041147	II	SER	Safety	A3
6.8	4	IRS Type Double Line	IRS:S-22/91	—	IRS Type Double Line	IRS:S-22/91	—	56014057	II	SER	Safety	A4
6.9	5	Daido Type Tokenless Single Line	IRS: S-98/2001 (Amd.-3)	—	Daido Type Tokenless Single Line	IRS: S-98/2001 (Amd.-3)	—	56050136	II	SER	Safety	A5
6.10	6	Neale's Type Ball Token Single Line (for Ball Token)	Drg No. SA-20701	—	Neale's Type Ball Token Single Line (for Ball Token)	Drg No. SA-20701	—	56020958	II	SER	Safety	A6
6.11	7	Block Bell Equipment	IRS:TC-44/88 (Amd.1)	—	Block Bell Equipment	IRS:TC-44/88	—	56010023	II	SER	Safety	A7
6.12	9	Filter unit	IRS:S-68/89	—	Filter unit	IRS:S-68/89	—	56010035	II	SER	Safety	A9
6.13	10	PVC Insulated Armoured, Unscreened Underground Power Cable	IRS:S-63/2007 (Amd.3) & IS:1554 (Part-1)	—	PVC Insulated Armoured, Unscreened Underground Power Cable	IRS:S-63/2007 (Amd.-2) & IS:1554 (Part-1)	—	56509960	II	SER	Safety	B-1
6.14	11	PVC Insulated Railway Signalling Indoor Single Core Cable	IRS:S-76/89 (Amd. 3)	—	PVC Insulated Railway Signalling Indoor Single Core Cable	IRS:S-76/89 (Amd.-3)	—	56509984	II	SER	Safety	B-2
6.15	12	PVC Insulated Railway Signalling Indoor Multi Core Cable	IRS:S-76/89 (Amd.-3)	—	PVC Insulated Railway Signalling Indoor Multi Core Cable	IRS:S-76/89 (Amd.-3)	—	56509996	II	SER	Safety	B-3
6.16	90	PVC Insulated Armoured, Aluminum Screened Underground Cable	IRS:S-35/93	—	PVC Insulated Armoured, Aluminum Screened Underground Cable	IRS:S-35/93	—	56112087	II	SER	Safety	
6.17	13	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable	IRS:S-63/2007 (Amd.-3)	—	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable(size:6 Corex1.5mm)	IRS:S-63/2007 (Amd.-2)	—	56118533	II	SER	Safety	B-4
6.17	13	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable	IRS:S-63/2007 (Amd.-3)	—	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable(size:12 Corex1.5mm)	IRS:S-63/2007 (Amd.-2)	—	56509959	II	SER	Safety	B-4
6.17	13	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable	IRS:S-63/2007 (Amd.-3)	—	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable(size:19 Corex1.5mm)	IRS:S-63/2007 (Amd.-2)	—	56119033	II	SER	Safety	B-4
6.17	13	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable	IRS:S-63/2007 (Amd.-3)	—	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable(size:24 Corex1.5mm)	IRS:S-63/2007 (Amd.-2)	—	56501006	II	SER	Safety	B-4
6.17	13	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable	IRS:S-63/2007 (Amd.-3)	—	PVC Insulated Armoured, Unscreened, Underground Railway Signaling Cable(size:30 Corex1.5mm)	IRS:S-63/2007 (Amd.-2)	—	56501018	II	SER	Safety	B-4

6.18		Underground Railway jelly Filled Quad Cable For Signaling And Telscom Installations		–	Underground Railway jelly Filled Quad Cable For Signaling And Telscom Installations	IRS: TC 30/2005 (Ver. 1) Amd. 4	–	56119550	II	SER		D-2
6.19	14	Multi Unit Type-Without Side Light	IRS:S-26/64	Drg No.:SA 23001 A/M (Adv.) Drg No.:SA 23002 A/M (Adv.) Drg No.:SA 23003 A/M (Adv.)	Multi Unit Type-Without Side Light	IRS:S-26/64 Drg No SA 23001	–	56420055	II	SER	Vital	C-1
6.20	15	Shunt Signal-Position Light Type		Drg No.: SA-23840(Adv.)	Shunt Signal-Position Light Type	Drg No. SA-23840	–	56472122	II	SER	Vital	C-2
6.21	16	Route.indicator-Direction Type, Multi Lamp Unit Type,Stencil Type	IRS-66/84 Amd.-1	Drg No.SA-23401-06(Adv.), SA-23761(Adv.),SA-21281	Route.indicator-Direction Type	IRS-66/84 Amd.-1 & Drg No. SA-23401-06,SA-23761, SA-21281	–	56440029	II	SER	Vital	C-3
6.21	16	Route.indicator-Direction Type, Multi Lamp Unit Type,Stencil Type	IRS-66/84 Amd.-1	Drg No.SA-23401-06(Adv.), SA-23761(Adv.),SA-21281	Route.indicator-Multi Lamp Unit Type	IRS-66/84 Amd.-1 & Drg No. SA-23401-06,SA-23761, SA-21281	–	56440042	II	SER	Vital	C-3
6.21	16	Route.indicator-Direction Type, Multi Lamp Unit Type,Stencil Type	IRS-66/84 Amd.-1	Drg No.SA-23401-06(Adv.), SA-23761(Adv.),SA-21281	Route.indicator-Stencil Type	IRS-66/84 Amd.-1 & Drg No. SA-23401-06,SA-23761, SA-21281	–	56440054	II	SER	Vital	C-3
6.22	17	Electric Lamp for Railway Signaling	IRS:S-57/2005 (Rev. 4)	–	Electric Lamp for Railway Signaling	IRS:S-57/2005	–	56468076	II	SER	Vital	C-4
6.23	18	Electric Lamp-Filament Switching Unit	IRS:S-100/2002	Drg No.:SA-24851 and SA-24852	Electric Lamp-Filament Switching Unit	IRS:S-100/2002 Drg No. SA-24851	–	56506119	II	SER	Vital	C-5
6.24	19	Light Unit – Lamp Holder Unit ,CLS Lamp Holder Unit (for triple pole lamp)	IRS:S:75/2006 (Rev. 2)	Drg.No. S-23030/M Drg No. SA-24831	Light Unit – Lamp Holder Unit ,CLS Lamp Holder Unit (for triple pole lamp)	Drg.No. S-23030/M Drg No. SA-24831 IRS:S:75/2006 (Rev. 2)	–	56506132	II	SER	Vital	C-6
6.25	20	LED Signal-Lighting Unit (110 Volt AC LED Signal)	RDSO/SPN/153/2011 Rev. 4.1)	–	LED Signal-Lighting Unit (110 Volt AC LED Signal) Yellow colour	RDSO/SPN/15312004 Rev. 3.0)	–	56468040	II	SER	Safety	C-7
6.25	20	LED Signal-Lighting Unit (110 Volt AC LED Signal)	RDSO/SPN/153/2011 Rev. 4.1)	–	LED Signal-Lighting Unit (110 Volt AC LED Signal) (Green)	RDSO/SPN/15312004 Rev. 3.0)	–	56468039	II	SER	Safety	C-7
6.25	20	LED Signal-Lighting Unit (110 Volt AC LED Signal)	RDSO/SPN/153/2011 Rev. 4.1)	–	LED Signal-Lighting Unit (110 Volt AC LED Signal) (Red)	RDSO/SPN/15312004 Rev. 3.0)	–	56468027	II	SER	Safety	C-7

6.25	20	LED Signal-Lighting Unit (110 Volt AC LED Signal)	RDSO/SPN/153/2011 Rev. 4.1)	—	LED Signal-Lighting Unit (110 Volt AC LED Signal) (Route)	RDSO/SPN/15312004 Rev. 3.0)	—	56468015	II	SER	Safety	C-7
6.26	21	Lenses (Glass) - Clear, Green, Red, Yellow.	IRS:S-7/92 (Amd.-4)	—	Lenses(Glass) - Clear	IRS:S-7192 (Amd.-4)	—	54372033	II	SER	Safety	C-8
6.26	21	Lenses (Glass) - Clear, Green, Red, Yellow.	IRS:S-7/92 (Amd.-4)	—	Lenses(Glass) - Red	IRS:S-7192 (Amd.-4)	—	54372045	II	SER	Safety	C-8
6.26	21	Lenses (Glass) - Clear, Green, Red, Yellow.	IRS:S-7/92 (Amd.-4)	—	Lenses(Glass) - Yellow.	IRS:S-7192 (Amd.-4)	—	54372057	II	SER	Safety	C-8
6.26	21	Lenses (Glass) - Clear, Green, Red, Yellow.	IRS:S-7/92 (Amd.-4)	—	Lenses(Glass) - Green	IRS:S-7192 (Amd.-4)	—	54372079	II	SER	Safety	C-8
6.27	22	Roundels-Green, Yellow and Red.	IRS:S-7/92 (Amd.-4)	—	Roundels-Green	IRS:S-7192 (Amd.-4)	—	54371508	II	SER	Vital	C-9
6.27	22	Roundels-Green, Yellow and Red.	IRS:S-7/92 (Amd.-4)	—	Roundels-Red.	IRS:S-7192 (Amd.-4)	—	54371685	II	SER	Vital	C-9
6.27	22	Roundels-Green, Yellow and Red.	IRS:S-7/92 (Amd.-4)	—	Roundels-Yellow	IRS:S-7192 (Amd.-4)	—	54371697	II	SER	Vital	C-9
6.28	23	Signal Colour Light - Lenses (Polycarbonate) Clear, Red, Green.	IRS:S-7/92 (Amd.-4)	Drg No. S-24845	Signal Colour Light - Lenses (Polycarbonate) Clear	IRS:S-7/92 (Amd.-4) Drg.No. S-24845	—	54372033	II	SER	Vital	C-10
6.28	23	Signal Colour Light - Lenses (Polycarbonate) Clear, Red, Green.	IRS:S-7/92 (Amd.-4)	Drg No. S-24845	Signal Colour Light - Lenses (Polycarbonate) Red	IRS:S-7/92 (Amd.-4) Drg.No. S-24845	—	54372045	II	SER	Vital	C-10
6.28	23	Signal Colour Light - Lenses (Polycarbonate) Clear, Red, Green.	IRS:S-7/92 (Amd.-4)	Drg No. S-24845	Signal Colour Light - Lenses (Polycarbonate) Green.	IRS:S-7/92 (Amd.-4) Drg.No. S-24845	—	54372057	II	SER	Vital	C-10
6.29	26	Circuit Controller (Modified Design) Lever and Arm, OW Lever Circuit Controller (Rota/ Type)		Drg No.SA20245, 46,66,67, 76,77,86,87 Drg.No. SA-22401, 420, 430 & 440	Circuit Controller (Modified Design) Lever and Arm, OW Lever Circuit Controller (Rota/ Type)	Drg No.SA20245, 4666, 67, 76, 77, 86, 87 Drg. No. SA-22401, 420. 430 & 440	—	56221022	II	SER	Safety	D-1
6.30	27	Electric Point & Lock Detector	IRS:S-49174 (Amd. 1)	Drg.No.SA-23331, 32,33(Adv.)	Electric Point & Lock Detector (Rotary Type)	IRS:S-49174 (Amd. 1) Drg. No SA-23331, 32 33,	—	54240268	II	SER	Safety	D-2
6.31	28	Electric Key Transmitter	IRS:S-21/01	Drg. No. SA-22601 (Alt 4)	Electric Key Transmitter	IRS:S-21101 & Drg. No. SA-22601 (Alt 4)	—	56505255	II	SER	Safety	D-3
6.32	29	Lever Lock & Circuit Controller 200mm Stroke & (D.W.) 40 mm strokes.		Drg No SA 22701(Adv.) SA-21201/M (Adv.)	Lever Lock & Circuit Controller 200mm Stroke & (D.W.) 40 mm strokes.	Drg. No. Sa 22701 & SA-2120111V1	—	56220492	II	SER	Safety	D-4
6.33	30	Electric Point Machine (Rotary Locking Type)	IRS:S-24/2002 (Amd.-1)	—	Electric Point Machine (Rotary Locking Type)	IRS:S-2412002 (Amd.-1)	—	56480647	II	SER	Safety	D-5

6.34	31	Motor for Electric Point Machine	IRS:S-37/82 (Amd-3)	Drg No. S-10910	Motor for Electric Point Machine	IRS:S-37182 (_Amd-3) with Drg. No. S-10910	—	56480659	II	SER	Vital	D-6
6.35	32	Electric Signal Machine	IRS:S-25/97	Drg.No SA-23851 (Adv.), SA- 23852(Adv.)	Electric Signal Machine	IRS:S-25197 & Drg No. SA-23851 (Adv), SA- 23852(Adv)	—	56481147	II	SER	Safety	D-7
6.36	33	Motor for Electric Signal Machine	IRS:S-39/82 (Amd.2)	Drg No.SA23906 (Adv.) Alt.4	Motor for Electric Signal Machine	IRS:S-39182 (Amd.2) with Drg. No. SA- 23906 (ADV) Alt-4	—	56480696	II	SER	Vital	D-8
6.37	34	Signal Reverser- Electric	IRS:S-19/2000 (Amd.1)	Drg. No. SA22201,02,03,04,(Alt.3) SA22333,34	Signal Reverser- Electric	IRS:S- 19/2000 (Amd.1)	—	56480519	II	SER	Safety	D-9
6.38	35	S.M.'s Control Frame	IRS:S-48/74	SA24861-62	S.M.'s Control Frame	IRS:S-48/74	—	56210061	II	SER	Vital	D-10
6.39	36	Top & Bottom Rollers, Nylon-6	IRS:S-97/2000	Drg. No. S-3331, 32	Top & Bottom Rollers, Nylon-6	IRS:S- 9712000 & Drg No. S- 3331, 32	—	56500073	II	SER	Vital	D-11
6.40	37	Fuses Non Deteriorating	IRS:S-78/92	—	Fuses Non Deteriorating	IRS:S-78/92	—	56505267	II	SER	Vital	E-1
6.41	38	ARA Terminal Block & Fuse Block - Made of PBT	IRS:S-75/2006 (Rev..2)	.	ARA Terminal Block & Fuse Block - Made of PBT	IRS:S- 75/2006 (Rev..2) &Drg.SA- 23741A,5A2 3745,SA- 23746,SA- 23748,SA- 23756	—	56509298	II	SER	Vital	E-2
6.42	39	Terminal Block(Isolating Type)8110 Way	IRS:S-79/92 Amo 2)	0	Terminal Block(Isolating Type)8110 Way	IRS:S-79192 Amo 2) &DRG No.SA- 24811&SA- 24812	—	56509042	II	SER	Vital	E-3
6.43	40	Tag Block	IRS:S-77/2006 (Rev.1)	Drg.No.SA-24751,52,53	Tag Block	IRSS- 7712006 (Rev.1)with Drg. NO.SA 24751,52,53	—	56509064	II	SER	Vital	E-4
6.44	41	Battery Charger -Self Regulating	IRS:S-86/2000(Amd.4)	—	Battery Charger -Self Regulating	IRS:S- 8612000(Am d.4) T	—	56160057	II	SER	Vital	F-1
6.45	42	BatteryCharger -Track Feed	IRS:S-89/93 (Amd.3)	—	BatteryCharger -Track Feed	IRS:S-89/93 (Amd.2)	—	56160100	II	SER	Vital	F-2

6.46	43	Battery Charger-Dual Bank	IRS:S-85/92 (Amd.3)	—	Battery Charger-Dual Bank	IRS:S-85192 (Amd.3)	—	56160094	II	SER	Vital	F-3
6.47		Battery Charger-MFVR Batteries		—	Battery Charger-MFVR Batteries	IRS:S-93/96(6)(Amd.1);	—	56160137	II	SER	Vital	-
6.48	45	Converter -DC-DC	IRS:S-96(2000	—	Converter -DC-DC	IRS'S-96(2000	—	56481020	II	SER	Vital	F-5
6.49	46	Inverter - Sine Wave	RS:S82/92(Amd.2)	—	Inverter - Sine Wave	RS:S82/92(Amd.2)	—	56481032	II	SER	Vital	F-6
6.50	47	Primary Cell- SITEL	IRS'S-95/96(Amd 1)	—	Primary Cell- SITEL	IRS'S-95/96(Amd 1)	—	56150210	II	SER	Vital	F-7
6.51	48	Secondary Cell - Low Maintenance	IRS:S 88/2004	—	Secondary Cell - Low Maintenance	IRS:S 88/2004	—	56150064	II	SER	Vital	F-8
6.52		Secondary Cell - Maintenance Free		—	Secondary Cell - Maintenance Free	IRS:S-93/96(A) (Amd 1)	—	56150076	II	SER		-
6.53	50	Solar Photo Voltaic Module	IRS:S-84/92 (Amd.2)	—	Solar Photo Voltaic Module	IRSS-84/92 (Amd.2)	—	56150088	II	SER	Vital	F-10
6.54	51	Transformer - CLS,110/12 V	IRS:S-59/77 (Amd.2)	—	Transformer - CLS,110/12 V	IRS:S-59/77 (Amd.2)	—	56070056	II	SER	Vital	F-11
6.55	52	Transformer - 230/110V	IRS:S-72/88 (Amd.2)	—	Transformer - 230/110V	IRS:S-72/88 (Amd.2)	—	56070056	II	SER	Vital	F-12
6.56	53	Transformer-Indication H I & L Type	IRS:S 62/92	—	Transformer-Indication H I & L Type	IRS:S 62/92	—	56070068	II	SER	Vital	F-13
6.57	54	Transformer-Indication Supply	IRS:S-83/92	—	Transformer-Indication Supply	IRS:S-83192	—	56070079	II	SER	Vital	F-14
6.58	55	Transformer-Rectifier Set	IRS:S-91/93 (Amd.1)	—	Transformer-Rectifier Set	IRS:S-91/93 (Amd.1)	—	56070093	II	SER	Vital	F-15
6.59	56	Voltage Regulator-Ferro Resonant	IRS:S-74/89 (Amd.6)	—	Voltage Regulator-Ferro Resonant	IRS:S-74/89 (Amd.6)	—	56163010	II	SER	Vital	F-16
6.60	57	SMPS Based IPS	RDSO/SPN/165/2012	—	SMPS Based IPS	RDSO/SPN/165/2004 (Amd.5)	—	56488129	II	SER	Vital	F-17
6.61	58	RELAYS — Universal Plug-in type AC Lamp Proving Relay (Metal-to-Carbon Contact) for LED Signal Lamp	BRS:941A STS/E/RELAYS/AC LIT LED SIGNAL/09-2002 , Amdt.-1	—	RELAYS — Universal Plug-in type AC Lamp Proving Relay (Metal-to-Carbon Contact) for LED Signal Lamp RELAYS — Universal Plug-in type AC Lamp Proving Relay (Metal-to-Carbon Contact) for LED Signal Lamp "ON" ECR.	BRS:941 A	—	56450266	II	SER	Safety	G-1
6.62	59	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp (ON OFF, ROUTE, SHUNT ECR)	BRS:941 A & 942	—	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp ("ON" ECR)	BRa940, 941 A & 942	—	56453011	II	SER	Safety	G-2

6.62	59	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp (ON OFF, ROUTE, SHUNT ECR)	BRS:941 A & 942	—	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp ("OFF" ECR)	BRa940, 941 A & 942	—	56453023	II	SER	Safety	G-2
6.62	59	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp (ON OFF, ROUTE, SHUNT ECR)	BRS:941 A & 942	—	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp ("ROUTE" ECR)	BRa940, 941 A & 942	—	56450266	II	SER	Safety	G-2
6.62	59	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp (ON OFF, ROUTE, SHUNT ECR)	BRS:941 A & 942	—	Relays -- Plug-In Type Tractive Armature, AC Lamp Proving Relay (Metal-To-Carbon Contact) Signal Lamp ("SHUNT" ECR)	BRa940, 941 A & 942	—	56453035	II	SER	Safety	G-2
6.63	60	Relays - Q' Series Neutral Line ACI & NON-ACI)	BRS:930 & BRS:931 A	—	Relays - Q' Series Neutral Line ACI)	DRS:930 & BRS:931 A	—	56451132	II	SER	Safety	G-3
6.63	60	Relays - Q' Series Neutral Line ACI & NON-ACI)	BRS:930 & BRS:931 A	—	Relays - Q' Series Neutral Line NON-ACI)	DRS:930 & BRS:931 A	—	56451143	II	SER	Safety	G-3
6.64	61	Relays - Plug In Type, Track Relay 9 & 4 Ohm (ACI & Non-AC I)	BRS:938A, 939A, 966 & Appendix F2	—	Relays - Plug In Type, Track Relay 9 Ohm ACI	BRS:938A, 939A, 966 & Appendix F2	—	56453011	II	SER	Safety	G-4
6.64	61	Relays - Plug In Type, Track Relay 9 & 4 Ohm (ACI & Non-AC I)	BRS:938A, 939A, 966 & Appendix F2	—	Relays - Plug In Type, Track Relay 9 Ohm non-ACI	BRS:938A, 939A, 966 & Appendix F2	—	56453223	II	SER	Safety	G-4
6.64	61	Relays - Plug In Type, Track Relay 9 & 4 Ohm (ACI & Non-AC I)	BRS:938A, 939A, 966 & Appendix F2	—	Relays - Plug In Type, Track Relay 4 Ohm ACI	BRS:938A, 939A, 966 & Appendix F2	—	56453035	II	SER	Safety	G-4
6.64	61	Relays - Plug In Type, Track Relay 9 & 4 Ohm (ACI & Non-AC I)	BRS:938A, 939A, 966 & Appendix F2	—	Relays - Plug In Type, Track Relay 4 Ohm non-ACI	BRS:938A, 939A, 966 & Appendix F2	—	56453047	II	SER	Safety	G-4
6.65	62	Relays - Special Type (Metal-to-Carbon)	BRS: 930, 931A, 932A, 933A, 934A, 935A, 937A, 943, 960 & RDSO/SPN/84/88, and Firm's Specification	—	Relays - Special Type (Metal-to-Carbon)	BRS: 930, 932A, 933A, 935A, 937A, 943; & RDSO/SPN-84/88 and Firm's spec.	—	56451155	II	SER	Safety	G-5
6.66	63	Relays - ECRs (Metal-to Metal Contact) (ON, OFF, ROUTE & SHUNT aspect)	IRS:S-46 & Firm's Specn.	—	Relays - ECRs (Metal-to Metal Contact)(ON aspect)	IRS:S-46 & Firm's Specn.	—	56453115	II	SER	Safety	G-6

6.66	63	Relays - ECRs (Metal-to Metal Contact) (ON, OFF, ROUTE & SHUNT aspect)	IRS:S-46 & Firm's Specn.	–	Relays - ECRs (Metal-to Metal Contact)(OFF aspect)	IRS:S-46 & Firm's Specn.	–	56453127	II	SER	Safety	G-6
6.66	63	Relays - ECRs (Metal-to Metal Contact) (ON, OFF, ROUTE & SHUNT aspect)	IRS:S-46 & Firm's Specn.	–	Relays - ECRs (Metal-to Metal Contact)(ROUTE aspect)	IRS:S-46 & Firm's Specn.	–	56453139	II	SER	Safety	G-6
6.66	63	Relays - ECRs (Metal-to Metal Contact) (ON, OFF, ROUTE & SHUNT aspect)	IRS:S-46 & Firm's Specn.	–	Relays - ECRs (Metal-to Metal Contact)(SHUNT aspect)	IRS:S-46 & Firm's Specn.	–	56453155	II	SER	Safety	G-6
6.67	64	Relays - Neutral Line (Metal-to Metal Contact), (ACI & Non-ACI)	IRS:S-46 & Firms Specn.	–	Relays - Neutral Line (Metal-to Metal Contact), (ACI)	IRS:S-45 & Firms Specn.	–	56453067	II	SER	Safety	G-7
6.67	64	Relays - Neutral Line (Metal-to Metal Contact), (ACI & Non-ACI)	IRS:S-46 & Firms Specn.	–	Relays - Neutral Line (Metal-to Metal Contact), (Non-ACI)	IRS:S-45 & Firms Specn.	–	56453179	II	SER	Safety	G-7
6.68	65	Relays - 3-Position DC Polarized	IRS.S-31/80 (Amd.1)	–	Relays - 3-Position DC Polarized	IRS.S-31/80 (Amd.1)	–	56451180	II	SER	Safety	G-8
6.69	66	Relays-Special Type (Metal to Metal)	IRS:S-46 & Firm's Spec	–	Relays-Special Type (Metal to Metal)	IRS:S-46 & Firm's Spec	–	56451192	II	SER	Safety	G-9
6.70	68	Relays - Point Contactor Unit	IRS:S-46 & Firm's Spec	–	Relays - Point Contactor Unit	IRS:S-46 & Firm's Spec	–	56451052	II	SER	Safety	G-11
6.71	69	Relays Contact -SIG-(For'Q series plug-in-type relays only)	IRS:S-67/85 (Amd.2)	–	Relays Contact -SIG-(For'Q series plug-in-type relays only)	IRS:S-67/85 (Amd.2)	–	56451218	II	SER	Safety	G-12
6.72	70	Audio Frequency Track Circuit	RDSO/SPN/146/2001	–	Audio Frequency Track Circuit	RDSO/SPN/146/2001	–	56060117	II	SER	Safety	H-1
6.73	71	Axle Counter- Universal Type		Drg No. S-15602-04, IRS:S-42/85	Axle Counter- Universal Type	IRS:S-42/85 & Drg. No S-15602-04	–	56040179	II	SER	Safety	H-2
6.74	72	Single Section Digital Axle Counter	RDSO/SPN/177/2003 Ver.1 with Amd.2.	–	Single Section Digital Axle Counter	RDSO/SPN/177/2003 Ver.1 with Amd.2.	–	56040222	II	SER	Safety	H-3
6.75	73	Single Section Digital Axle Counter	RDSO/SPN/177/2012 Ver.3	–	Single Section Digital Axle Counter	RDSO/SPN/176/2005 Ver.2 with Amnd-1	–	56040234	II	SER	Safety	H-4
6.76	74	Multi Section Digital Axle Counter	RDSO/SPN/176/2005 Ver 2 & Firm's Spec	–	Multi Section Digital Axle Counter	RDSO/SPN/176/2005 Ver 2 & Firm's Spec	–	56040246	II	SER	Safety	H-5
6.77	75	Choke - 'B' Type	IRS:S-65/83 (Amd.3)	–	Choke - 'B' Type	IRS:S-65183 (Amd.1)	–	56060129	II	SER	Vital	H-6

6.78	76	Nylon Insulated Rail Joint	IRS:S-40/84 with Amdt.1	Drg:Nos. SA-22101 (Alt.6) 52Kg; SA-22171 (Alt.2) 60Kg; SA-22181 (Alt.2) 60Kg(UIC) SA-22191 (Alt.2) 90R	Nylon Insulated Rail Joint	IRS.S-40/84 Drg. Nos. SA-22101 (Alt.6) 52Kg; SA-22171 (Alt. 2) 60Kg.; SA-22181 (Alt.2) 60Kg(UIC) SA-22191 (Alt.2) 90R	—	56500828	II	SER	Vital	H-7
6.79	77	Thermoplastic Ply Urethane Rail Insulated Joint	RDSO/SPN-168/2005 Rev.2	Drg.No. SA22101,SA22171, SA22181,SA22191	Thermoplastic Ply Urethane Rail Insulated Joint	RDSO1SPN-16812005	—	56500841	II	SER	Vital	H-8
6.80	78	Track Feed Resistance- 'DiscIType		Drg No. SA-20161 66/M	Track Feed Resistance- 'DiscIType	Dr No SA-20161 66/M	—	56060129	II	SER	Vital	H-9
6.81	91	Track Feed Resistance-'F Type	RE/S&T/ALD/Stores/ Spec. 12-8		Track Feed Resistance-'F Type	RE/S&T/ALD/stores/Spec.12-B	—	56060142	II	SER	Vital	-
6.82	92	Trolley suppression equipment-HFTC	RDSO/SPN/141/94	—	Trolley Suppression Equipment- HFTC	RDSO/SPN/141/94	—	56040258	II	SER	Safety	-
6.83	79	ELD -Multi-channel	RDSO/SPN/256/2002	—	ELD -Multi-channel	RD501SPN125612002	—	56500841	II	SER	Vital	I-1
6.84	80	Data logger system	IRS S-99/2006 (Amnd.3)	—	Data logger system and sub-system and modules	IRS S-9912006	—	56488142	II	SER	Vital	I-2
6.85	81	Fail-safe electronic timer	IRS:S-61/2000 (Amd.-2)	—	Fail-safe electronic timer	IRS:S-6112000 (Amd.-1)	—	56451064	II	SER	Safety	I-3
6.86	82	Fail-safe electronic flasher device	RDSO/SPN/173/2002 (Amdt-1)	—	Fail-safe electronic flasher device	RDSOiSPN173/2002 (Amdt-1)	—	56451076	II	SER	Safety	I-4
6.87	83	Universal Fail safe Block Interface	RDSO/SPN/147/2005 (Amd-2)	—	Universal Fail safe Block Interface and sub-system and modules	RDSO/SPN14712005 (Amd-2)	—	56010047	II	SER	Safety	I-5
6.88	84	Electronic Interlocking	RDSO/SPN/192/2005	—	Electronic Interlocking and sub-system and modules	RDSO/SPN/192/2005 RDSO/SPN/18312010 Ver-1	—	56488154	II	SER	Safety	I-6
6.89	93	Train Protection Warning System and sub-system and modules	RDSO/SPN/183	—	Train Protection Warning System and sub-system and modules		—	56488166	II	SER	Safety	-
6.90	85	Electric Lifting Barrier	RDSO/SPN/208/2012 (Ver 2.0)	—	Electric Lifting Barrier	IRS:S-41170 (Amd.2)	—	54900141	II	SER	Vital	J-1

6.91		Electric Lifting Barrier with Hand Generator backup.		–	Electric Lifting Barrier with Hand Generator backup.	RDSO/SPN/180/2005 (Amd.1)	–	54900153	II	SER		-
6.92		Retro-reflective Tape - Yellow, Red, Black		–	Retro-reflective Tape - Yellow		–	56519813	II	SER		-
6.92		Retro-reflective Tape - Yellow, Red, Black		–	Retro-reflective Tape - Red		–	56519825	II	SER		-
6.92		Retro-reflective Tape - Yellow, Red, Black		–	Retro-reflective Tape - Black		–	56519837	II	SER		-
6.93		Control-Cum-Indication Panel		–	Control-Cum-Indication Panel	NO RDSO Spec	–	56210115	II	SER		-
6.94		Panel Knobs		–	Panel Knobs	NO RDSO Spec	–	56210127	II	SER		-
6.95		Electronic Flasher Relay		–	Electronic Flasher Relay	RDSO/SPN/173/2002	–	56451088	II	SER		-
6.96		Modular Terminal		–	Modular Terminal	RDSO/SPN/189/2004	–	54900165	II	SER		-
7.1	9	Underground Rly Jelly filled quad cables for Signaling and Telecom Installation	TC 30-05	–	Underground Rly Jelly filled quad cables for Signaling and Telecom Installation	TC 30-05	-	50830016	II	ER	Vital	D-2
7.2	10	Magneto telephone with Electro-dynamic transducer.	TC 36-97 with Amendment-1	–	Magneto telephone with Electro-dynamic transducer.	TC 36-97 with Amendment-1	-	50232319	II	ER	Vital	A-10
7.3	11	4 Wire way station control telephone with Electro-dynamic transducer.	TC 38-97 with Amendment-1	–	4 Wire way station control telephone with Electro-dynamic transducer.	TC 38-97 with Amendment-1	-	50370110	II	ER	Vital	A-7
7.4	1	Six - Pin Emergency Plug and Socket.	TC 42-87 with Amendment-1	–	Six - Pin Emergency Plug and Socket.	TC 42-87 with Amendment-1	-	50212278	II	ER	Safety	A-17
7.5	2	Emergency Control Room Equipment.	TC 61-93 with Amendment-1	–	Emergency Control Room Equipment.	TC 61-93 with Amendment-1	-	50370212	II	ER	Safety	A-5
7.6	3	4Wire/2Wire Portable Emergency Control Telephone.	TC 75-99	–	4Wire/2Wire Portable Emergency Control Telephone.	TC 75-99 Amendment-1&2	-	50353603	II	ER	Safety	A-9
7.7	12	Thermo shrink jointing kits for jointing underground quad cable.	TC 77-2010, Rev.2	–	Thermo shrink jointing kits for jointing underground quad cable.	TC 77-2010, Rev.2	-	52080018	II	ER	Vital	D-7
7.8	4	Light weight portable control telephone (4Wire/2Wire).	TC 78-2000 with Amendment-I	–	Light weight portable control telephone (4Wire/2Wire).	TC 78-2000 with Amendment-I	-	50353603	II	ER	Safety	A-6
7.9	13	Desk Type Electronic Megneto Telephone.	TC 79-2000 TC with Amendment-1 & 2	–	Desk Type Electronic Megneto Telephone.	TC 79-2000 TC with Amendment-1 & 2	-	56232356	II	ER	Vital	A-11

7.10	5	Voice Data Logger/Monitor for control circuits.	RDSO/SPN/TC/38/2002 Rev.1.1 with corrigendum 1 and Amendment	—	Voice Data Logger/Monitor for control circuits.	RDSO/SPN/TC/38/2002 Rev.1.1 with corrigendum 1 and Amendment	-	50370224	II	ER	Safety	-
7.11	6	Emergency socket box in FRP material used in RE-Area.	RDSO/SPN/TC/44/2002 Ver.2 with Amendment -1 & 2	—	Emergency socket box in FRP material used in RE-Area.	RDSO/SPN/TC/44/2002 Ver.2 with Amendment -1 & 2	-	50210014	II	ER	Safety	E-2
7.12	14	Electronic L.C.gate telephone system.	RDSO/SPN/TC/51/2009, Rev.1	—	Electronic L.C.gate telephone system.	RDSO/SPN/TC/51/2009, Rev.1	-	50232368	II	ER	Vital	E-1
7.13	15	1.4 mm dia copper conductor 4/6 Quad cable.	RDSO/SPN/TC/72/2007, Rev.0 Amendment No. 1	—	1.4 mm dia copper conductor 4/6 Quad cable.	RDSO/SPN/TC/72/2007, Rev.0 Amendment No. 1	-	50810200	II	ER	Vital	D-5
7.14	7	5 W VHF Walkie-Talkie Sets for train operating	Procured through DG S&D	—	5 W VHF Walkie-Talkie Sets for train operating	Procured through DGS&D	-	52230030	%	ER	Safety	-
7.15	8	25 W VHF Communication Sets.	Procured through DG S&D	—	25 W VHF Communication Sets.	Procured through DGS&D	-	52230016	%	ER	Safety	-
% MIL standard certification checked by RDSO. Vendor approval & inspection not done by RDSO												
8.1	1	Rail			Rail 52Kg/m Length-13 mtr	IRST-12/2009	Grade. 880 MPa	60010022	I	SCR	Safety	
8.1	1	Rail			Rail 52Kg/m Length-26 mtr	IRST-12/2009	Grade. 880 MPa	60010046	I	SCR	Safety	
8.1	1	Rail			Rail 60Kg/m Length-13 mtr	IRST-12/2009	Grade. 880 MPa	60010058	I	SCR	Safety	
8.1	1	Rail			Rail 60Kg/m Length-26 mtr	IRST-12/2009	Grade. 880 MPa	60010060	I	SCR	Safety	
8.1	1	Rail			Rail 52kg/m Length-260mtr	IRST-12/2009	Grade. 880 MPa	60010083	I	SCR	Safety	
8.1	1	Rail			Rail 60kg/m Length-260mtr	IRST-12/2009	Grade. 880 MPa	60010095	I	SCR	Safety	
8.2		Rail Weld Portion			Rail Weld Portion 52 kg	IRST-19/1994	-	60010071	II	SCR	Safety	-
8.2		Rail Weld Portion			Rail Weld Portion 60 kg	IRST-19/1994	—	60010072	II	SCR	Safety	-
8.3	5	Fish Plates			Fish Plates	IRST-1/1996 & IRST-6/1965	—	60090005	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate 52 kg with 6 holes 1 mtr long	IRS T1-66	T-5915	60112244	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate 60 kg with 6 holes 1 mtr long	IRS T1-66	T-5916	60112256	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate 52 kg Groved 1 mtr long	IRS T1-66	T-5850	60112268	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate 60 kg Groved 1 mtr long	IRS T1-66	T-5851	60112270	I	SCR	Safety	QAC-19

8.3	5	Fish Plates			Fish Plate 60 kg Joggled with 4 holes along with Bolts, Special washersand single coil spring washer	IRS T1-66	T-5849	60112281	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate 52 kg Joggled with 4 holes along with Bolts, Special washersand single coil spring washer	IRS T1-66	T-5848	60112293	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate 60 kg Joggled with Clamps and Nuts	IRS T1-66	T-1766	60112300	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate 52 kg Joggled with Clamps and Nuts	IRS T1-66	T-5214	60112323	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate combination 60 kg/52 kg	IRS T6-65	T-696-699	60113364	I	SCR	Safety	QAC-19
8.3	5	Fish Plates			Fish Plate combination 52kg/90R	IRS T6-65	–	60113376	I	SCR	Safety	QAC-19
8.4	6	Glued Insulated Rail joints			Glued Insulated Rail joints 52 kg	IRST Manual for fabrication for Industrial Rail joints(1998)	–	60019128	I	SCR	Safety	QAC-10
8.4	6	Glued Insulated Rail joints			Glued Insulated Rail joints 60 kg	IRST Manual for fabrication for Industrial Rail joints(1998)	–	60019130	I	SCR	Safety	QAC-10
8.5	13	Elastic Rail Clip (ERC) Mark-V			Elastic Rail Clip (ERC) Mark-V	IRS-T-31-1992 Corr-2 of April-1999	–	60120009		SCR	Safety	-
8.6	12	Elastic Rail clip (ERC) Mark-III & ERC 'J'			Elastic Rail clip (ERC) Mark-III	IRS-T-31-1992 Corr-2 & Annx. For ERC-J	RT-3701	60120010		SCR	Safety	QAC-2&3
8.6	12	Elastic Rail clip (ERC) Mark-III & ERC 'J'			Elastic Rail Clip (ERC) 'J' Type	IRS-T-31-1992	T-4158	60120083		SCR	Safety	QAC-2&3
8.6	12	Elastic Rail clip (ERC) Mark-III & ERC 'J'			ERC Glued Joint Clip	IRS-T-31-1992	T-1105	60120095		SCR	Safety	QAC-2&3
8.6	12	Elastic Rail clip (ERC) Mark-III & ERC 'J'			Anti Theft Elastic Rail Clip (ERC)	IRS-T-31-1992	T-6254 & 6255	60120162		SCR	Safety	QAC-2&3
8.7	16	6mm Thick GRSP			6mm Thick GRSP 52kg	IRS:T-47-2006,CORR 1	RT-3703	60216128	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			6mm Thick GRSP 60kg	IRS.T-37-1982	RT-3711	60214016	II	SCR	Safety	QAC-6

8.7	16	6mm Thick GRSP			6mm Thick GRSP for SEJ	IRS.T-37-1982	T-4159	60214028	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			6mm Thick GRSP 1 in 16 T/O	IRS.T-37-1982	T-5691	60214030	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			6mm Thick GRSP 1 in 12 T/O	IRS.T-37-1982	T-4218	60214041	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			6mm Thick GRSP 1 in 8.5 T/O	IRS.T-37-1982	T-4865	60214053	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			6mm Thick GRSP For Derailing Switches	IRS.T-37-1982	—	60214065	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			6mm thick GRSP 1 in 12 Heat Treated Welding X'ing	IRS.T-37-1982	—	60214077	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			6mm Thick GRSP 52 KG Steel Channel Sleeper	IRS.T-47-2006	T-5163 (4)	60214119	II	SCR	Safety	QAC-6
8.7	16	6mm Thick GRSP			Composite Rubber Pad of size 6.2 mm thick	IRS.T-47-2006	T-6618	60214120	II	SCR	Safety	QAC-6
8.8	17	10 mm Thick GRSP			10 mm Thick GRSP	Prov. 1989	RT-3709	60120060	II	SCR	Safety	QAC-7
8.8	17	10 mm Thick GRSP			10 mm Thick GRSP 52 kg steel channel sleeper	Prov. 1989	T-5199(2)	60214089	II	SCR	Safety	QAC-7
8.8	17	10 mm Thick GRSP			10 mm Thick GRSP 60 kg steel channel sleeper	Prov. 1989	T-5156(2)	60214090	II	SCR	Safety	QAC-7
8.9	14	Metal Liners			Metal Liners 52 Kg	Provisional 2010	T-3738	60120101	I	SCR	Safety	QAC-9
8.9	14	Metal Liners			Metal Liners 60 Kg	Provisional 2010	T-3740	60120113	I	SCR	Safety	QAC-9
8.9	14	Metal Liners			(Comb. 60Kg/52Kg) T-3741 & T-3742	Provisional 2010	T-3741 & T-3742	60120125	I	SCR	Safety	QAC-9
8.10	15	GFN 66 Liners			GFN Liners 52 Kg	IRS-T-44-1995	T-3702	60120137	I	SCR	Safety	QAC-4
8.10	15	GFN 66 Liners			GFN Liners 60 Kg	IRS-T-44-1995	T-3706	60120149	I	SCR	Safety	QAC-4
8.10	15	GFN 66 Liners			Comb. 60Kg/52Kg)	IRS-T-44-1995	T-3707 & T-3708	60120150	I	SCR	Safety	QAC-4
8.11	18	Composite GRSP			Composite GRSP	Prov 2006 RDSO/M&C /RP/198/2006	RT-6618	60120071	II	SCR	Safety	TD-4
8.12	10	Switch Expansion Joint			52kg(PSC) with fittings	IRS-T-10-2000	T-4160	60101568	I	SCR	Safety	QAC-17
8.12	10	Switch Expansion Joint			60 Kg (PSC) with fittings	IRS-T-10-2000	T-4165	60101556	I	SCR	Safety	QAC-17
8.12	10	Switch Expansion Joint			60kg for curves	IRS-T-10-2000	T-5748	60101570	I	SCR	Safety	QAC-17
8.13	11	Improved Switch Expansion Joints			Improved SEJ Long weld Rail 80mm max gap,60kg	IRS T-10-2000 Tech. Specn.2008	T-6902	60012183	II	SCR	Safety	TD-5&6
8.13	11	Improved Switch Expansion Joints			Improved SEJ Long weld Rail 80mm max gap, 52kg	IRS T-10-2000 Tech. Specn.2008	T-6914	60012171	II	SCR	Safety	TD-5&6
8.13	11	Improved Switch Expansion Joints			Improved SEJ Ion weld Rail 65mm max gap-60kg	IRS T-10-2000 Tech. Specn.2008	T-6922	60012213	II	SCR	Safety	TD-5&6

8.13	11	Improved Switch Expansion Joints			Improved SEJ long weld Rail 65mm max gap-52kg	IRS T-10-2000 Tech. Specn.2008	T-6930	60012195	II	SCR	Safety	TD-5&6
8.13	11	Improved Switch Expansion Joints			52kg Bridge approaches	IRS T-10-2000 Tech. Specn.2008	T-6039	60012225	II	SCR	Safety	TD-5&6
8.14	7	Fabricated Switches			60 KG 1 in 8.5 PSC with check rails	IRS T-10-2000	RT-4966	60090418	I	SCR	Safety	QAC-14
8.14	7	Fabricated Switches			52 KG 1 in 8.5 PSC with check rail	IRS T-10-2000	T-4866	60090431	I	SCR	Safety	QAC-14
8.14	7	Fabricated Switches			60 kg 1 in 12 PSC with check rail	IRS T-10-2000	T-4219	60090390	I	SCR	Safety	QAC-14
8.14	7	Fabricated Switches			52 kg 1 in 12 PSC with check rail	IRS T-10-2000	T-4733	60090406	I	SCR	Safety	QAC-14
8.14	7	Fabricated Switches			60 kg 1 in 16 PSC	IRS T-10-2000	T-5692	60090352	I	SCR	Safety	QAC-14
8.14	7	Fabricated Switches			52 kg 1 in 16 PSC	IRS T-10-2000	T-20142	60090327	I	SCR	Safety	QAC-14
8.14	7	Fabricated Switches			Derailing Switches 52 kg with Check Rail	IRS T-10-2000	T-5836	60090443	I	SCR	Safety	QAC-14
8.14	7	Fabricated Switches			1 in 16, 52 kg wooden Sleeper with loose fittings	IRS T-10-2000	T-9750	60090455	I	SCR	Safety	QAC-14
8.15	9	Fabricated Crossings			Fabricated Crossings	IRS T-10-2000	TA-20106,TA-5269 (M),RT-2580,TA-20142	60060049	I	SCR	Safety	QAC-15
8.16	8	CMS Crossings			1 in 12: 60kg	IRS-T-29-2000	RT-4220	60080401	II	SCR	Safety	QAC-16
8.16	8	CMS Crossings			1 in 12: 52kg	IRS-T-29-2000	RT-4734	60080413	II	SCR	Safety	QAC-16
8.16	8	CMS Crossings			1 in 16: 60kg	IRS-T-29-2000	RT-5693	60080380	II	SCR	Safety	QAC-16
8.16	8	CMS Crossings			1 in 8.5: 52kg	IRS-T-29-2000	RT-4867	60080437	II	SCR	Safety	QAC-16
8.16	8	CMS Crossings			1 in 8.5: 60kg	IRS-T-29-2000	RT-4967	60080425	II	SCR	Safety	QAC-16
8.16	8	CMS Crossings			1 in 12: 52kg Heat Treated welded xing	IRS-T-29-2000	T-6698 to T-6729	60080395	II	SCR	Safety	QAC-16
8.17	22	Hard facing electrode for Reconditioning			Hard facing electrode for Reconditioning	Under development firm's specification		not allotted since under development		SCR	Safety	TD-3
8.18	23	Reconditioning of cupped joints and wheel burns/scabs			Reconditioning of cupped joints and wheel burns/scabs	Under development M&C/W/103-2003	-	not allotted since under development		SCR	Safety	TD-1&2
8.19	24	SGCI Inserts			SGCI Inserts	ITS T-46/96	RDSO T-381	60120046	II	SCR	Safety	QAC-1

8.20	3	Turnout PSC Sleepers			1 in 12 Turnouts (Fan Shape layout)	IRS-T-45	RDSO-T-4218	60060153	—	SCR	Safety	-
8.20	3	Turnout PSC Sleepers			1 in 8 1/2 Turnouts (Fan Shape Layout)	IRS-T-45	RDSO-T-4865	60060165	—	SCR	Safety	-
8.20	3	Turnout PSC Sleepers			1 in 8 1/2 Diamond crossing sleepers without slip	IRS-T-45	RDSO-T-6492	60060219	—	SCR	Safety	-
8.20	3	Turnout PSC Sleepers			1 in 8 1/2 Diamond crossing sleepers with single slip	IRS-T-45	RDSO-T-6493	60060220	—	SCR	Safety	-
8.20	3	Turnout PSC Sleepers			1 in 12 Scissors Crossover sleeper	IRS-T-45	RDSO-T-8109	60060232	—	SCR	Safety	-
8.20	3	Turnout PSC Sleepers			1 in 16 Turnouts (Fan Shape Layout)	IRS-T-45	RDSO-T-5691	60060268	—	SCR	Safety	-
8.20	3	Turnout PSC Sleepers			Trap Sleepers	IRS-T-45	RDSO-T-5836	60060270	—	SCR	Safety	-
8.21		Concrete Sleepers			Broad Gauge Line Sleeper	IRS-T-39	RDSO-T-2495-2496	60060141	—	SCR	Safety	-
8.21		Concrete Sleepers			Guard rail Sleeper	IRS-T-39	RDSO-T-4088	60060177	—	SCR	Safety	-
8.21		Concrete Sleepers			Bridge approach sleepers	IRS-T-39	RDSO-T/4089 to 4097	60060189	—	SCR	Safety	-
8.21		Concrete Sleepers			Switch Expansion Joint Sleepers	IRS-T-39	RDSO-T-4149	60060190	—	SCR	Safety	-
8.21		Concrete Sleepers			Re-railing ramp sleepers	IRS-T-45	RDSO-T-8259	60060207	—	SCR	Safety	-
8.21		Concrete Sleepers			Level crossing sleepers	IRS-T-39	RDSO-T-4148-4148A	60060244	—	SCR	Safety	-
8.21		Concrete Sleepers			Curve sleepers	IRS-T-39	RDSO-T-4170 to 4173	60060256	—	SCR	Safety	-
9.1	9.1	Burner lamp K. Oil	Is-1238/58 or latest	—	Burner lamp K. Oil	Is-1238/58 or latest	-	74460791		NR	Vital	
9.2	9.2	Clamp		—			-	54552588	**	SER	Safety	
9.3	9.3	Fire bucket(10 It.Capacity)	Is-2546/79	—	Fire bucket(10 It.Capacity)	Is-2546/79	-	86010220	**	DLW	Safety	
9.4	9.4	Fire extinguisher Dry Chem.Type	Is-4308/1982	—	Fire extinguisher Dry Chem.Type	Is-4308/1982	-	86010013	**	DLW	Safety	
9.5	9.5	Fire extinguisher Foam Type	Is-2171/85	—	Fire extinguisher Foam Type	Is-2171/85	-	86010517	**	DLW	Safety	
9.6	9.6	First aid box	-	—	First aid box	-		82900004	**	NR	Safety	
9.7	9.7	Fog signals	IRSS-Z-2.62	—	Fog signals	IRSS-Z-2.62	-	81110078	**	SCR	Safety	
9.8	9.8	Gate lamp	F-48-R-1	—	Gate lamp	F-48-R-1	-	56505279	**	SER	Safety	
9.9	9.9	Hand signal flags-Red	Is-4106-1967	—	Hand signal flags-Red	Is-4106-1967	-	54901017	**	SER	Safety	
9.10	9.10	Hand signal flags-Green	Is-4106-1967	—	Hand signal flags-Green	Is-4106-1967	-	54901029	**	SER	Safety	
9.11	9.11	Battery Operated LED Based Torch Light cum Flashing Hand signal lamps	RDSO/SPN/195/2008: 2.1 (DRAFT)	—	Battery Operated LED Based Torch Light cum Flashing Hand signal lamps	RDSO/SPN/195/2008: 2.0(DRAFT)	-	56468131	**	SER	Safety	
9.12	9.12	L.V. Board		—	L.V. Board		-	54901212	**	SER	Vital	

