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TM/HM/BCM/Pt-III

Date: 08.07.2020

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Detailed addresses are enclosed herewith.

विषय: बैलास्ट क्लिनिंग मशीन (आर.एम.-900), बैलास्ट क्लिनिंग मशीन (आर.एम.-80 92U) और शोल्डर बैलास्ट क्लिनिंग मशीन (एफ.आर.एम.-80) संशोधन-1 की क्रिटिकल स्पेयर्स पार्ट सूची।

Sub: Critical Spares Parts list for Ballast Cleaning Machine BCM (RM- 900), BCM (RM80-92U) Rev-1 and Shoulder Ballast Cleaning Machine (FRM-80) Rev.1
Ref: CE/TMC/Seminar held on 4th and 5th April 2019

बैलास्ट क्लिनिंग मशीन (आर.एम.-900), बैलास्ट क्लिनिंग मशीन (आर.एम.-80 92U) संशोधन-1 और शोल्डर बैलास्ट क्लिनिंग मशीन (एफ.आर.एम.-80) संशोधन-1 की क्रिटिकल स्पेयर्स पार्ट सूची तैयार की गई जिसकी प्रति आपके सूचनार्थ तथा मशीन के कर्मचारियों, जो फील्ड में कार्य कर रहे हैं के मार्ग दर्शन हेतु संलग्न है। यद्यपि उपरोक्त सूची/पुनरीक्षण बनाते समय सभी सावधानियों बरती गई है, फिर भी यदि कोई त्रुटि हो तो, कृपया अपने सुझावों/टिप्पणियों को ईमेल/फैक्स/पत्राचार द्वारा अधोहस्ताक्षरी को अवगत करायें।

Critical Spares Parts list for Ballast Cleaning Machine (RM-900), BCM (RM 80-92U) Rev.1 and Shoulder Ballast Cleaning Machine (FRM-80) Rev.1 have been prepared. A copy of the same is enclosed herewith for your information and guidance of the machine staff working on the field however, every care has been taken during preparation on the above list, the discrepancy noticed, if any, may be brought to the knowledge of the undersigned for further improvement, by email/fax/post

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DA: As above

(ओम प्रकाश)
निदेशक रेलपथ मशीन-III

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INDIAN RAILWAYS

CRITICAL SPARES OF TRACK MACHINES

BALLAST CLEANING MACHINE
RM-900

June-2020

RESERCH DESIGNS AND STANDARDS ORGANISATION
Manak Nagar , Lucknow-226011

PREFACE

For maintenance of any machine, timely availability of spare parts and consumables play an important role. Thus, to keep the machine in sound condition, first and foremost prerequisite is availability of spares and consumables. As there are thousands of items/spares which are required for maintenance of machine, it is very much required to identify critical spares which are vital and in turn, to ensure availability of such spares well within the scheduled time.

On the basis of experience of Track machine working on Indian Railways, a need critical spares parts list was felt. Accordingly, critical spares parts list for Ballast Cleaning Machine (BCM RM-900) has been prepared. It may be noted that this is the list of spares required for the normal maintenance of machine for one year only and does not include the spares required for IOH , POH and other spl. maintenance. Requirement of spare parts for such schedule maintenance (IOH/POH), other spl. maintenance and emergency maintenance/attention may be assessed separately on need basis by zonal railways itself.

This BCM RM-900 is newly introduced in Indian Railways, so may be followed guide lines of OEM for procurements of critical spares in addition to this parts list as per requirement time to time.

(OM PRAKASH)
Director Track Machine-III

June-2020

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SITE - At machine	STMD - Satellite depot	ZTMD - Zonal depot

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
1.0	Engine Caterpillar Model No-C27,Quantity-02 Nos (Quantity listed below for both)						
1.1	FILTER	HY-D506.10.30H-300W	6	0.5	6	0	6
1.2	FUEL WATER SEPARATOR	CA3261641	4	0.5	4	0	4
1.3	OIL FILTER	CA1R1808	4	0.25	8	0	8
1.4	DIESEL FUEL FILTER	CA1R0755	4	0.5	4	0	4
1.5	PRIMARY FILTER	CA2465009	4	0.5	4	0	4
1.6	SECONDARY FILTER	CA2465010	4	0.5	4	0	4
1.7	AIR FILTER ELEMENT (PRIMARY)	246-5009	4	0.5	4	0	2
1.8	AIR FILTER ELEMENT (SECONDARY)	246-5010	4	0.5	4	0	2
1.9	COOLANT FILTER	9N-3718	4	0.5	4	0	4
1.10	FUEL PUMP/24V	9580234005	1	4	0	0	0.25*
1.11	FUEL PUMP/24V	0580054001	4	4	0	0	1
1.12	COOLANT HOSE (63.6-cm)	101-2840	2	8	0	0	0.25*
1.13	COOLANT HOSE (11-cm)	101-2840	2	8	0	0	0.25*
1.14	COOLANT HOSE (10-cm)	101-2840	2	8	0	0	0.25*
1.15	COOLANT HOSE (84-cm)	101-2840	2	8	0	0	0.25*
1.16	Generator Engine Caterpillar Model No DE65-E3						
1.17	AIR FILTER	CA1106326	1	0.5	1	0	1
1.18	OIL FILTER	CA7W2326	1	0.25	2	0	2
1.19	DIESEL FUEL FILTER	CA1R1804	1	0.5	1	0	1
1.20	DIESEL FUEL FILTER	CA4415111	1	0.5	1	0	1

*minimum quantity1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
2.0	Electrical						
2.1	MICROTERMINAL	MT1,5	26	-	0	0	1
2.2	RELAY 24V/16A	REL-MR-24DC/21HCAU	7	-	0	0	1
2.3	AUTOMATIC CUTOOUT	3600-P10-SI-8A-2350	-	-	0	0	1
2.4	KEY SWITCH	EL-T7190-G2	3	-	0	0	1
2.5	CONTACT	0462-201-16141	8	-	0	0	1
2.6	DIODE	1A600V1N4005	5	-	0	0	1
2.7	BATTERY SAFETY SWITCH	437-K60-1-06-125A	1	-	0	0	1
2.8	RELAY 300A 24V	EL-T7125	1	-	0	0	1
2.9	RELAY 24V/16A	REL-MR-24DC/21HCAU	15	-	0	0	1
2.10	TEMPERATURE SENSOR	ATF-500PT	4	-	0	0	1
2.11	AIR COMP. THREE-PHASE MOTOR	8.181.0.G72.726.6	1	-	0	0	1
2.12	WATER SUPPLY PUMP/24VDC	4405-343	1	-	0	0	1
2.13	POTENTIOMETER	ELT-200-00005	2	-	0	0	1
2.14	CONTACT ELEMENT	EL-T7190-S	31	-	0	0	1
2.15	MICROTERMINAL	MT1,5	-	-	0	0	1
2.16	BATTERY	12V92AH/59201	2	4	0	0	0.5*
2.17	BATTERY TERMINAL/-POL.	1901315013	2	4	0	0	0.5*
2.18	BATTERY TERMINAL/+PINS	1901315011	2	4	0	0	0.5*

*minimum quantity1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
3.0	Hydraulic						
3.1	VARIABLE DISPLACEMENT PUMP	HY709X100L/DFR1	1	8	0	0	0.12*
3.2	VARIABLE DISPLACEMENT PUMP	HY710AX180RGP/RNU38A+06	1	8	0	0	0.12*
3.3	VARIABLE DISPLACEMENT PUMP	HY710AX180RGP/RNU38A+22	1	8	0	0	0.12*
3.4	VARIABLE DISPLACEMENT PUMP	HY712X130L/DRS	1	8	0	0	0.12*
3.5	VARIABLE DISPLACEMENT PUMP	HY720X280L/EP4/38A+22L	2	8	0	0	0.25*
3.6	DUAL PUMP	HY716X95R/HD1D-315/60	1	8	0	0	0.12*
3.7	TRIPLE PUMP	HY832X24.17.08RE	2	8	0	0	0.25*
3.8	VARIABLE DISPLACEMENT MOTOR	HY949X170HA1TU-60/230	4	8	0	0	0.5*
3.9	DOUBLE VARIABLE-REPLACEMENT PUMP 350	HY712X60L/HD1/D350+60L/HD1/D	2	8	0	0	0.25*
3.10	VARIABLE DISPLACEMENT PUMP	HY720X280L/EP4/38A+22L	2	8	0	0	0.25*
3.11	TRIPLE PUMP	HY832X24.17.08RE	2	8	0	0	0.25*
3.12	VARIABLE DISPLACEMENT MOTOR	HY949X170HA1TU-60/230	4	8	0	0	0.5*
3.13	HYDRAULIC MOTOR	HY902N50-B	4	8	0	0	0.5*
3.14	HYDRAULIC MOTOR	HY942.NJ75/M	5	8	0	0	0.6*
3.15	HYDRAULIC MOTOR	HY90.N24M	1	8	0	0	0.12*
3.16	HYDRAULIC MOTOR	HY938X55/MS/FS	1	8	0	0	0.12*

*minimum quantity-1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
3.17	HYDRAULIC MOTOR	HY940X390	11	8	0	0	1.4*
3.18	VARIABLE DISPLACEMENT MOTOR	HYS909X55HA1T/40/200BAR	3	8	0	0	0.37*
3.19	HYDRAULIC MOTOR	HY90.N52M	1	8	0	0	0.12*
3.20	HYDRAULIC MOTOR	HY910X32/VBB040	1	8	0	0	0.12*
3.21	BRAKE VALVE	HY157.71	2	8	0	0	0.25*
3.22	CHECK THROTTLE	HY100.16	2	8	0	0	0.25*
3.23	SUCTION FILTER	HY-S501.300.P10H	6	1	6	0	0
3.24	FILTER	HY-S501.460.150	15	1	15	0	0
3.25	FILTER	HY-D507.140.10	8	1	8	0	0
3.26	FILTER	HY-D501.225.10A-B	1	1	1	0	0
3.27	FILTER	62.05.1000.427	2	1	2	0	0
3.28	CHARGING FILTER	HY-E507.800.03	5	1	5	0	0
3.29	RETURN LINE FILTER	HY-R501.330.10A/H	6	1	6	0	0
3.30	SUPERFINE FILTER	HY-R507.05.01H	10	1	10	0	0
3.31	FILTER	62.05.1000.292	2	1	2	0	0
3.32	FILTER	62.05.1000.427	2	1	2	0	0
3.33	FILTER CARTRIDGE	HY-R501.330.10A/H/ES	2	1	2	0	0
3.34	FILTER ELEMENT	62.05.1000.293	1	1	1	0	0
3.35	FILTER	HY-D501.32.10H	1	1	1	0	0
3.36	FILTER	HYL501.6000.10	1	1	1	0	0
3.37	HAND PUMP	GLR30/DRUCKBEGRENZT	1	8	0	0	0.12*
3.38	MOTOR+BRAKE	HY912X250+DGRF314/154-5311	2	8	0	0	0.25*
3.39	PISTON MOTOR	HY910X90/61W-VAB010	1	8	0	0	0.12*
3.40	CHECK VALVE	HY155.13 & 12	-	8	0	0	1

*minimum quantity-1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
4.0	Pneumatic						
4.1	FILTER CARTRIDGE	90187ES	1	1	1	0	0
4.2	WATER SEPARATOR	90181-A	1	1	1		
4.3	DRIVER'S BRAKE VALVE FB11-S	II52077	1	8	0	0	0.12*
4.4	AIR-OPERATED GREASE GUN	64.12.2000.33	1	4	0	0	0.25*
4.5	SEAL KIT	HY152.01DS	3	8	1	0	0.37*
4.6	VACUUM INDICATOR	8.000.0.064.702.7	1	8	0	0	0.12*
4.7	DRY-TYPE AIR FILT.	8.181.0.923.001.7	1	1	1	0	0
4.8	SAFETY VALVE	II91917/02120	1	8	0	0	0.12*
4.9	SAFETY VALVE	II91917/02105	1	8	0	0	0.12*
4.10	PRESSURE REGULATOR	9753035040/DR	1	8	0	0	0.12*
4.11	CHECK VALVE	90382	1	8	0	0	0.12*
4.12	CHECK VALVE	90381	1	8	0	0	0.12*
4.13	AUTOMATIC DRAIN VALVE	90105EW	1	8	0	0	0.12*
4.14	SEAL KIT	90356DS	1	8	0	0	0.12*
4.15	PRESSURE REGULATOR	90189-A	2	8	0	0	0.25*
4.16	VALVE	90346-A	2	8	0	0	0.25*
4.17	SEAL KIT	90356DS	2	8	0	0	0.25*
4.18	SOLENOID VALVE	90423	2	8	0	0	0.25*
4.19	CHECK VALVE	I12546	2	8	0	0	0.25*
4.20	VALVE	90344-A	2	8	0	0	0.25*
4.21	CHECK VALVE	90418-A	4	8	0	0	0.5*
4.22	PN. HOSES	4,6, & 8 no (25 meters each)	-	8	1	1	1

*minimum quantity -1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
5.0	Mechanical						
5.1	CARDAN SHAFT	LZ1000LA140/0122111001	2	8	0	0	0.25*
5.2	CARDAN SHAFT	CARDAN SHAFT	4	8	0	0	0.5*
5.3	CARDAN SHAFT FLANGE	RE221.48.122	2	8	0	0	0.25*
5.4	LOCK NUT	M14DIN980-10	32	-	8	0	0
5.5	HEXAGON SCREW	WN119-M14.42-1	16	-	4	0	0
5.6	SELF-LOCKING STEEL NUT	M16DIN980-10	16	-	4	0	0
5.7	BOLT LOCKING DEVICE DISC	M16-NORD-LOCK	-	-	6	0	0
5.8	BRAKE BLOCK	WN146-920.K-15	8	1	8	0	0
5.9	SCREEN DRIVE V-BELT	SPB3550-LW	8	2	2	0	2
5.10	BELT TIGHTENER	RE09.0.340	2	2	1	0	0
5.11	LOAD-BEARING ROLLER 1070	RE13.38.1212-A-2	10	8	2	0	0
5.12	SUPPORTING ROLLER	RE13.53.21112-3	2	8	0	0	0.25*
5.13	SLIDE GUIDE ROLLER, LATERAL	63,5X100-M16-AUSF.B	64	8	4	0	4
5.14	GUIDE ROLLER RETAINER	RE13.38.3212-A-15	38	8	3	0	2
5.15	CONVEYOR BELT	RE13.00.11B-1220/17000	1	8	0	0	0.12*
5.16	HEXAGON SCREW	M12X25DIN933-8.8/VERZ.	20	-	10	0	0
5.17	SCHNORR-LOCK WASHER	VS12/VERZ.	20	-	10	0	0
5.18	LOCK NUT	M16DIN985-8	10	-	10	0	0
5.19	TENSION LOCK	WN120-M36X1,5.M36X1,5L-3	4	-	2	0	0
5.20	DISTANCE	WN121-40,1.45.8,5-1	16	-	4	0	0
5.21	COUNTERSUNK SCREW	M10X40DIN7991-8.8/VERZ.	128	1	64	0	64
5.22	SLIDE PLATE	RE11.20.1513-5	16	4	2	0	2

*minimum quantity -1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
5.23	SCHNORR-LOCK WASHER	VS10/VERZ.	128	-	32	0	32
5.24	SUPPORT	RE11.09.1105	146	4	18	0	18
5.25	LOCK NUT	M12DIN982-8	704	1	354	0	354
5.26	HEXAGON SCREW	M12X65DIN931-8.8/VERZ.	704	1	354	0	354
5.27	DEEP GROOVE BALL BEARING	6213/2RS	12	8	0	0	1.5*
5.28	TAPERED ROLLER BEARING	JKOS070A	8	8	0	0	1
5.29	SUPPORT	SU1600.509.1.5	112	8	7	0	7
5.30	STRIP	SU1600.509.1.11.6.7	28	8	2	0	2
5.31	CONVEYOR TRACK B+E 915	RE11.47.3112-1HA	1	8	0	0	0.12*
5.32	CONVEYOR TRACK B+E 915	RE11.47.3112-2HA	1	8	0	0	0.12*
5.33	CONVEYOR TRACK 2250	RE11.08.1612-5HA	4	8	0	0	0.5*
5.34	CONVEYOR TRACK 3000	RE11.08.3512-3HA	2	8	0	0	0.25*
5.35	CONVEYOR TRACK BEND - 20DEGREES	RE11.01.2312-5HA	2	8	0	0	0.25*
5.36	CLAMP ROLLER	GLF311.810	2	4	0	0	0.5*
5.37	HYDRAULIC CYLINDER	HZGB.063.036.0075.1.003	2	8	0	0	0.25*
5.38	HYDRAULIC CYLINDER	HZMB.100.063.0350.1.002	2	8	0	0	0.25*
5.39	HYDRAULIC CYLINDER	HZMB.063.036.0180.1	2	8	0	0	0.25*
5.40	HYDRAULIC CYLINDER	HZGB.100.063.1200.1.001(V2)	1	8	0	0	0.12*
5.41	CORNER ROLLER	RE08.01.602	1	1	1	0	0

*minimum quantity-1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
5.42	TAPERED ROLLER BEARING	RE08.01.605	2	8	0	0	0.25*
5.43	CUTTER BAR COMPLETE	RE08.19.700-4320(A)	1	1	1	0	0
5.44	CUTTER BAR L=1920	RE08.19.701-1920	1	1	0	0	1
5.45	SCRAPER SHOVEL	RE08.06.101	-	-	150	0	0
5.46	INTERMEDIATE LINK COMPLETE	RE08.01.102-B	-	-	150	0	0
5.47	CHAIN BOLT	RE08.11.103-GEHAERTET	-	-	150	0	0
5.48	SAFETY SCREW	61.04.218	-	-	150	0	0
5.49	SECURING BOLT	63.08.2006-GEHAERTET	-	-	150	0	0
5.50	SCRAPER FINGER	63.08.2005	-	-	150	0	0
5.51	CIRCLIP	62.08.2005	-	-	150	0	0
5.52	SCRAPER FINGER	RE08.11.109-HM	-	-	150	0	0
5.53	HEXAGON NUT	M10DIN934-8/VERZ.	-	-	150	0	0
5.54	EXCAVATION CHAIN	RE08.41.100	69	1	69	0	0
5.55	CHAIN PIVOT	RE08.55.500	1	1	0	0	1
5.56	CUTTER BAR COMPLETE	RE08.19.700-4320	1	1	0	0	0
5.57	CORNER ROLLER	RE08.01.600	3	1	3	0	0
5.58	LOCKING DEVICE EXCAVATING CHAIN	RE08.55.800	1	4	0	0	0.25*
5.59	LOCKING DEVICE EXCAVATING CHAIN	RE08.41.900	1	4	0	0	0.25*
5.60	ELBOW JOINT CARRYING SIDECOMPLETE	RE08.41.1000	1	1	1	0	0
5.61	INTERMEDIATE PIECE CARRYING SIDE	RE08.16.702-500I	1	1	1	0	0

*minimum quantity -1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
5.62	INTERMEDIATE PIECE EMPTY SIDE	RE08.16.703-500I	1	1	1	0	0
5.63	BRAKE CYLINDER	II54444/5852	3	8	0	0	0.37*
5.64	WEARING PLATE	RE08.09.206	1	1	1	0	0
5.65	WEARING PLATE	RE08.02.208C	4	1	1	0	0
5.66	WEARING PLATE	RE08.01.209-US	4	1	1	0	0
5.67	WEARING STRIP	RE08.02.210US	4	1	1	0	0
5.68	WEARING PLATE	RE08.01.215	1	1	1	0	0
5.69	WEARING PLATE	RE08.55.216	4	1	1	0	0
5.70	WEARING PLATE	RE08.31.217	1	1	1	0	0
5.71	WEAR STRIP	RE08.09.218	1	1	1	0	0
5.72	WEAR STRIP	RE08.09.219	1	1	1	0	0
5.73	WEARING PLATE	RE08.02.220C	1	1	1	0	0
5.74	WEARING PLATE	RE08.01.221	1	1	1	0	0
5.75	WEARING PLATE	RE08.01.222	1	1	1	0	0
5.76	WEARING PLATE	RE08.31.223	1	1	1	0	0
5.77	WEARING PLATE	RE08.38.225C	1	1	1	0	0
5.78	WEARING PLATE	RE08.16.226	1	1	1	0	0
5.79	WEAR STRIP	RE08.31.227	1	1	1	0	0
5.80	WEARING PLATE	RE08.31.228	1	1	1	0	0
5.81	WEARING PLATE	RE08.31.229	1	1	1	0	0
5.82	WEARING PLATE	RE08.02.230C	1	1	1	0	0
5.83	WEARING STRIP	RE08.02.231-US	1	1	1	0	0
5.84	WEARING STRIP	RE08.02.232-US	1	1	1	0	0
5.85	WEARING PLATE	RE08.01.233	1	1	1	0	0
5.86	WEARING PLATE	RE08.01.234C	2	1	1	0	0

*minimum quantity -1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
5.87	SAFETY ARCH	RE08.01.235	1	1	1	0	0
5.88	WEARING PLATE	RE08.01.236	1	1	1	0	0
5.89	BRACKET	RE08.01.237	1	1	1	0	0
5.90	BRACKET	RE08.01.238	1	1	1	0	0
5.91	WEARING PLATE	RE08.20.239HMOV01	1	1	1	0	0
5.92	WEARING PLATE	RE08.38.240C	1	1	1	0	0
5.93	WEAR STRIP	RE08.31.241	1	1	1	0	0
5.94	COUNTERSUNK SCREW	M16X55DIN604-4.6/VERZ.	10	0.5	10	0	10
5.95	COUNTERSUNK SCREW	M16X40DIN604-4.6/VERZ.	78	0.5	78	0	78
5.96	COUNTERSUNK SCREW	M12X20DIN604-4.6	4	0.5	4	0	4
5.97	COUNTERSUNK SCREW	M16X35DIN604-4.6/VERZ.	35	0.5	35	0	35
5.98	COUNTERSUNK SCREW	M16X45DIN604-4.6/VERZ.	18	0.5	18	0	18
5.99	WEARING PLATE	RE08.09.206	1	1	1	0	0
5.100	WEARING PLATE	RE08.02.208C	4	1	4	0	0
5.101	WEARING PLATE	RE08.01.209-US	4	1	4	0	0
5.102	WEAR STRIP	RE08.02.210US	4	1	4	0	0
5.103	WEARING PLATE	RE08.01.215	4	1	4	0	0
5.104	WEARING PLATE	RE08.55.216	1	1	1	0	0
5.105	WEARING PLATE	RE08.31.217	1	1	1	0	0
5.106	WEAR STRIP	RE08.09.218	1	1	1	0	0
5.107	WEAR STRIP	RE08.09.219	1	1	1	0	0
5.108	WEARING PLATE	RE08.02.220C	1	1	1	0	0
5.109	WEARING PLATE	RE08.01.221	1	1	1	0	0
5.110	WEARING PLATE	RE08.01.222	1	1	1	0	0
5.111	WEARING PLATE	RE08.31.223	1	1	1	0	0

*minimum quantity -1

*minimum quantity-1

Sr. no.	Brief Description	Part. no.	Nos per M/c	Estt. Life cycle in year	Requirement per m/c		
					SITE	STMD	ZTMD
5.112	WEARING PLATE	RE08.38.225C	1	1	1	0	0
5.113	WEARING PLATE	RE08.16.226	1	1	1	0	0
5.114	WEARING PLATE	RE08.31.227	1	1	1	0	0
5.115	WEAR STRIP	RE08.31.228	1	1	1	0	0
5.116	WEARING PLATE	RE08.01.229	1	1	1	0	0
5.117	WEARING PLATE	RE08.02.230C	1	1	1	0	0
5.118	WEAR STRIP	RE08.02.231-US	1	1	1	0	0
5.119	WEAR STRIP	RE08.02.232-US	1	1	1	0	0
5.120	WEARING PLATE	RE08.01.233	1	1	1	0	0
5.121	WEAR ARCH	RE08.01.234C	2	1	1	0	0
5.122	WEARING PLATE	RE08.01.236	1	1	1	0	0
5.123	WEARING PLATE	RE08.20.239HMOV01	1	1	1	0	0
5.124	WEARING PLATE	RE08.38.240C	1	1	1	0	0
5.125	WEAR STRIP	RE08.31.241	1	1	1	0	0
5.126	BRACKET	RE08.02.303	2	2	1	0	0
5.127	SUPPORTING ROLLER	RE08.01.304	4	2	2	0	0
5.128	SLIDE PLATE	RE08.01.306	4	2	2	0	0
5.129	DISTANCE STRIP	RE08.01.307	16	-	8	0	0
5.130	BUFFER STOP	RE08.02.309	8	-	2	0	0
5.131	WEAR ARCH	RE08.31.355	1	1	1	0	0
5.132	SLIDE STRIP	RE08.01.315	4	1	2	0	2
5.133	WEARING PLATE	RE08.01.317C	3	1	1	0	0
5.134	LID	RE08.03.318	4	1	1	0	0

Note: - Any other items which the Zonal Railways decide as per condition and safe operation of machine shall be kept on the machine.

*minimum quantity-1

CSP of BCM RM-900

ACKNOWLEDGEMENT

Following officers and staff have made their valuable contributions in finalization of the of Critical Spares Parts List for **Ballast cleaning machine (RM-900)**.

RDSO

1. S/SHRI Muslim Ahmad ARE/TM
2. " " V.P.Srivastava SSE/TM