

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

No. 2015/M (L)/466/1(4A)

New Delhi, dt 23.6.2017

Chief Mechanical Engineers,  
All Zonal Railways.

Chief Mechanical Engineer,  
ICF,  
Chennai.

**Sub: Maintenance Spare planning for DEMU.**

It is hereby advised that Railway Board has now nominated ICF/Chennai as nodal agency for execution of Bulk RSP, itemised RSP and for procurement of capital and maintenance spares after consolidating the demand from All Zonal Railways.

The above steps have been taken to ensure a coordinated approach to the issue of DEMU spares. Further, a list of safety/vital items has also been prepared by RDSO and the same is being attached along with this letter.

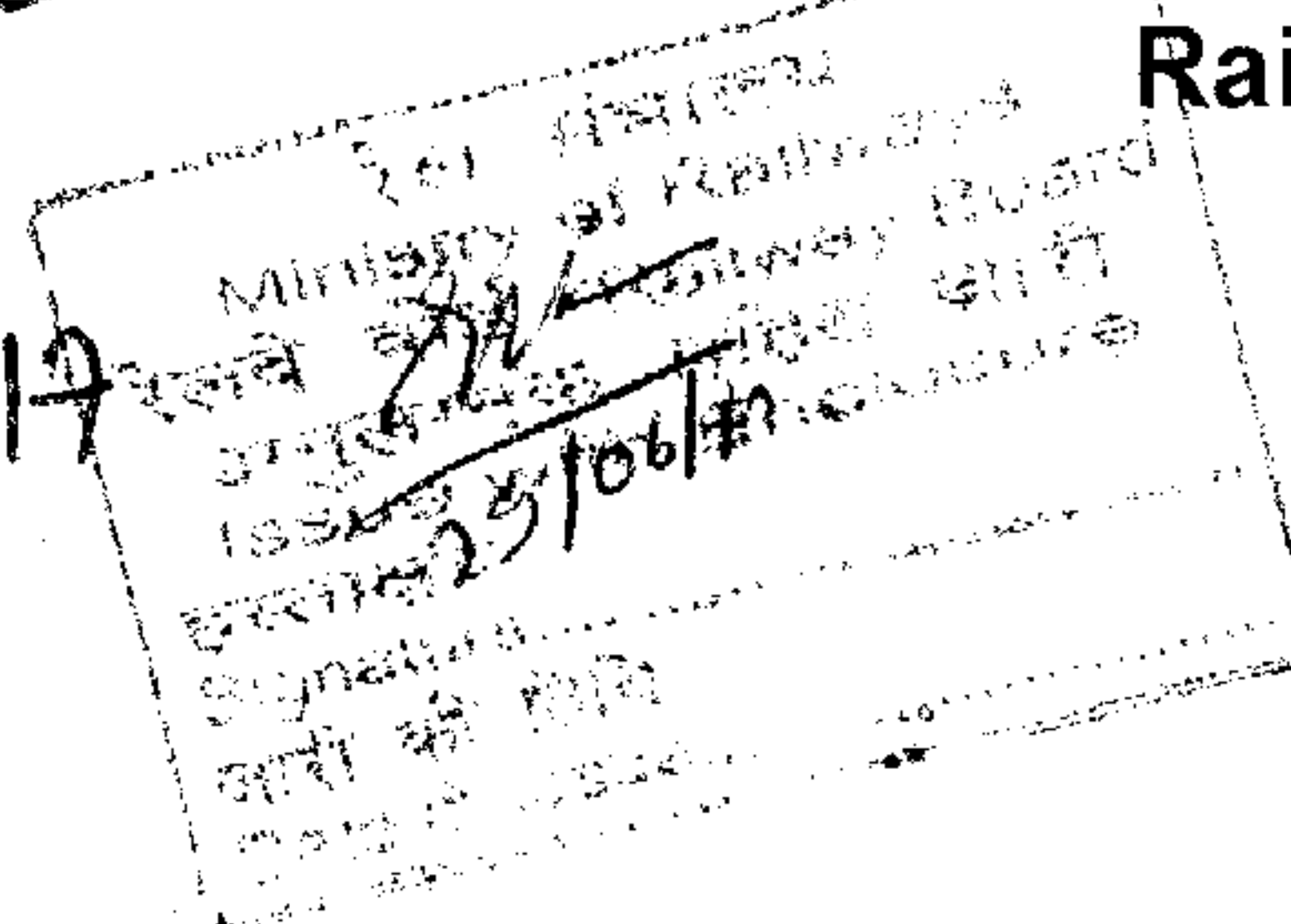
Accordingly, ICF should plan for procurement of these items for all Zonal Railways. All Zonal Railways should assess their requirement and submit their vetted requirement to ICF.

In this context, a Bulk Indent meeting for DEMU has been fixed to be held on 20.7.2017 in ICF to discuss spare requirement of Railways. Concerned officers of Zonal Railways and ICF should be advised to take immediate action in this regard and come prepared in the meeting with spares planning for 2018-19.

*ofc*

*Please Issue*

*P*  
*28/6/17*



*31.2.17*  
*23/6/17*  
(Anupam Sharma)  
Exec. Dir. Mech. Engg.(Traction)  
Railway Board

S.N.108

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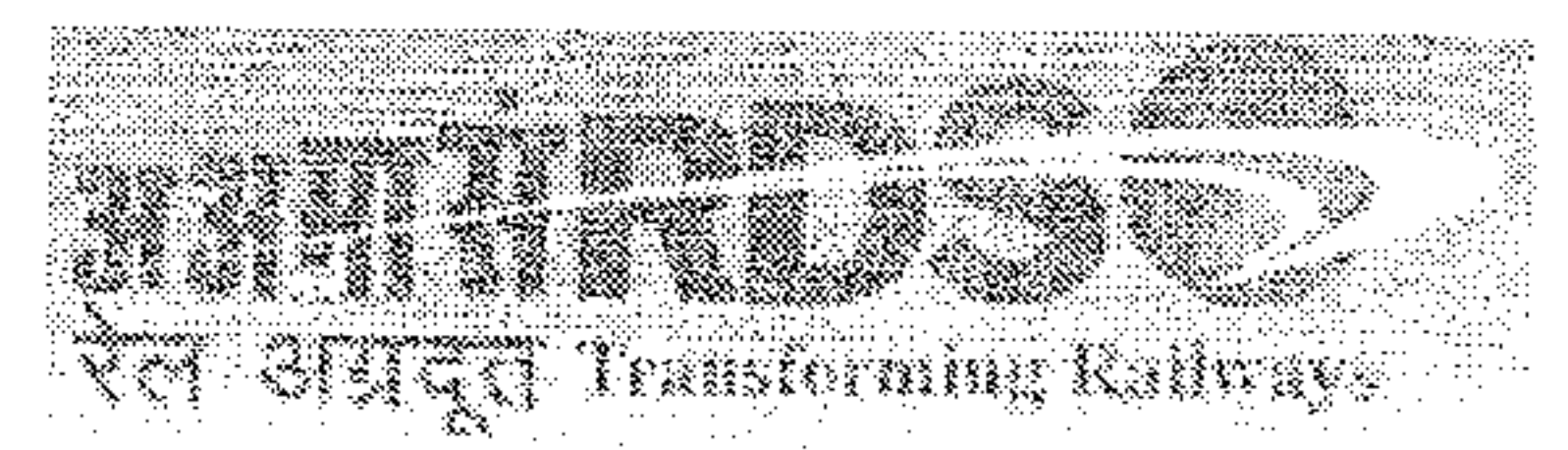


भारत सरकार & रेल मंत्रालय  
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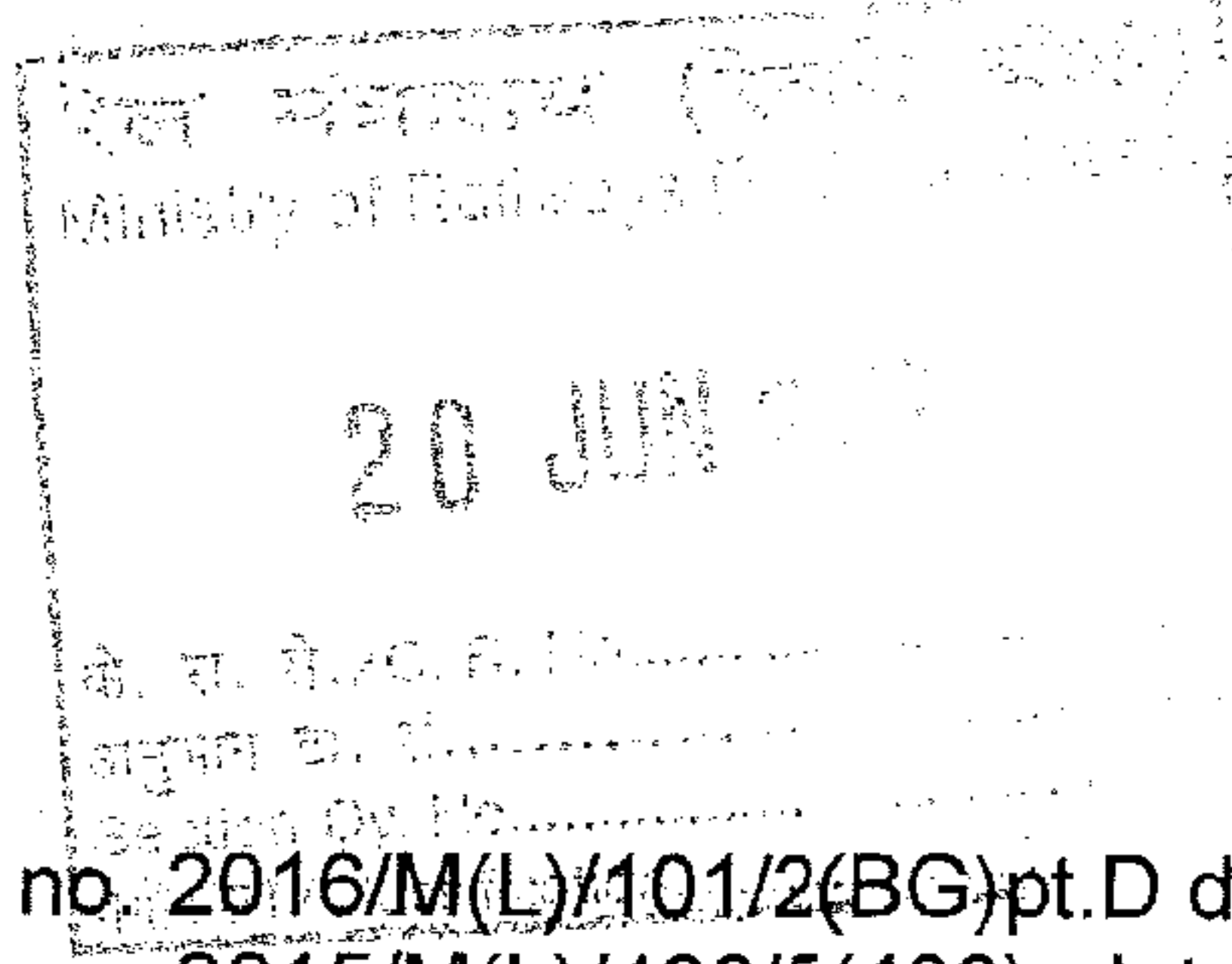


No. SD. DEMU Elect.1

Date: 08.06.2017

DME (Traction),  
Railway Board,  
Rail Bhavan,  
New Delhi - 110 001.

Fax No. 011-23383167



Sub: Safety items for DEMU

Ref: (i) Railway Board's letter no. 2016/M(L)/101/2(BG)pt.D dated 20.02.2017  
(ii) Railway Board's letter no. 2015/M(L)/466/5(402) dated 23.02.2017,  
27.03.2017 & 17.05.2017

In reference to above, consolidated list of safety and vital items for DEMU is given below:-

1. Safety Items of Carriage Directorate:

1.1 Items of EP Brake system as per RDSO Spec. No. RDSO/2013/CG-03, Rev-03:

S.No.	items	Appendix no. of the Specification
1	E.P Brake Unit	Appendix A1
2	Brake Controller	Appendix A2
3	Guard's Emergency Brake Valve	Appendix A3
4	Main Reservoir	Appendix A4
5	Auxiliary Reservoir	Appendix A4
6	Air Filters/Dirt collectors	Appendix A5
7	Isolating cock (Without vent)	Appendix A6
8	Isolating cock (With vent)	Appendix A6
9	Check valve	Appendix A6
10	Auto Drain Valve	Appendix A7
11	Pressure Reducing Valve	Appendix A8
12	Safety Valve	Appendix A9
13	Release Valve	Appendix A10

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20.6.2017

1.2 Items of Schaku Coupling as per RDSO specification no. 61-B-36/Rev-68-1:


S.No.	Items	Drawing No
1	Semi permanent Coupler (End-A)	40.586.(0)
(a)	Centering Device(Sub Assembly)	40.1000.10(2)
(b)	Adjustable Cup Sleeve	40.317.13(2)
(c)	Bearing Bracket Support	40.588.07(2)
(d)	Draw and buff gear	40.586.06(2)
(e)	Air Pipe Coupling(Complete)	40.587.04(3)
(f)	Intermediate Tube	40.586.01.01(2)
2	Semi permanent Coupler (End-B)	40.587.(0)
(a)	Centering Device (Sub Assembly)	40.1000.10(2)

**2.3 Electrical Machines:**

SI no.	Safety Item	Specification/ Drg.
1	Traction motor gear case assembly	As per OEM specification
2	Traction motor gear case Bolt	
3	Traction motor gear & pinion	
4	Traction motor Armature bearing (DE & NDE)	
5	Suspension bearing Tube	
6	Suspension Tube bearing (DE & NDE)	
7	E-Beam cables ( Control & Power)	
8	Fluoro Elastomeric cables	
9	Motor Suspension Unit (MSU)	
10	Rectifier Fan Relay	
11	Fire Detection equipments	
12	Fire Extinguisher	

**2.4 Electrical Controls:**

SI no.	Safety Item	Specification/ Drg.
1	Alarm bell (gong bell)	-----
2	Signal bell	
3	Head light	
4	Flasher light	
5	LED Based classification light	
6	LED Based passenger alarm indication light	
7	Speed time distance Recorder (Speedo meter) / Event Recorder	
8	DC-DC converter head lights	
9	Battery 120AH, 110V, VRLA	
10	Dead man relay valve	
	<b>Vital Item</b>	
1	Master controller	
2	GP Relays and contactors	
3	LCC governor for 1400 hp DEMU	
4	All switches, Push buttons & MCBs	

  
 (A.K. Bhardwaj)  
 Joint Director/MP/EM  
 for Director General/MP

**Copy to:**  
 EDME (Traction) - for your kind information please.  
 Railway Board