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भारत सरकार-रेल मंत्रालय  
अनुसंधान अभिकल्प और मानक संगठन  
लखनऊ-226011  
Government of India - Ministry of Railways  
Research, Designs & Standards  
Organization, LUCKNOW - 226011

EL/3.2.10/Gen.

Dated: 27.07.2018

### प्रधान मुख्य विद्युत इंजीनियर

1. उत्तर रेलवे, बड़ोदा हाउस, नयी दिल्ली - 110001.
2. पूर्व रेलवे, फेयारली प्लेस, कोलकता - 700001.
3. दक्षिण पूर्व रेलवे, गार्डनरीच, कोलकता - 700043.
4. मध्य रेलवे, मुम्बई सी.एस.टी - 400001
5. पश्चिम रेलवे, चर्चगेट, मुम्बई - 400020.
6. दक्षिण रेलवे, पार्क टाउन, चेन्नई - 600003.
7. दक्षिण मध्य रेलवे, रेल निलायम, सिकन्द्राबाद - 500371.
8. पूर्व मध्य रेलवे, हाजीपुर, बिहार - 844101
9. पूर्व तटीय रेलवे, भुवनेश्वर - 751016
10. दक्षिण पूर्व मध्य रेलवे, बिलासपुर - 495004.
11. पश्चिम मध्य रेलवे, जबलपुर - 482001.
12. उत्तर मध्य रेलवे, सूबेदारगंज, इलाहाबाद - 211001.
13. पूर्वोत्तर रेलवे, गोरखपुर - 273 001
14. उत्तर पश्चिम रेलवे, जयपुर - 302 006
15. इण्टीग्रल कोच फैक्टरी, पेराम्बूर, चेन्नई - 600 038.
16. चित्तरंजन लोकोमोटिव वर्क्स, चित्तरंजन - 713331.

**विषय:** Minutes of Meeting with Railways on Maintenance practices of DI/DU type relays on Conventional Electric Locomotive held on 25.07.2018 at RDSO, Lucknow.

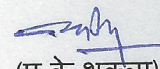
**संदर्भ :** इस कार्यालय का दिनांक 25.07.2018 का समसंख्यक पत्र।

उपरोक्त विषय पर इस कार्यालय के समसंख्यक पत्र (MOM) दिनांक 25.07.2018 की प्रति आप के सूचनार्थ व अवश्यक कार्यवाही हेतु संलग्न हैं।

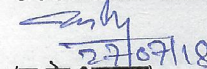
संलग्नक: यथोक्त

**Copy to:** सचिव, रेलवे बोर्ड, नई दिल्ली, (Kind Attn: Sri A.K. Goswami Dir/RS/RB-  
For information please)

संलग्नक: यथोक्त

  
(ए.के.शुक्ला)

कृते महानिदेशक/विद्युत

  
(ए.के.शुक्ला)

कृते महानिदेशक/विद्युत



**Minutes of the Meeting with Railways on Maintenance practices of DI/DU type relays on Conventional Locomotive held at RDSO, Lucknow on 25.07.2018**

**Members Present:**

A)	RDSO, Lucknow	B)	Railways Shri
1.	A.K.Shukla EDSE/RDSO	1.	R. S. Chaturvedi Sr. DEE/RS/CNB
2.	Dileep Kumar JE/Elect.	2.	L. Mitra Kumar ADEE/ELS/BZA
		3.	Shaurabh Arya SSE/RS/CNB
		4.	Dharmendra Kumar SSE/RS/JHS

The meeting was held today with railways and based on the feedback from railways, the periodicity of relays has been reviewed and changes proposed are as under.

**Annexure -A**

**Scope of Work (6 Yearly)**

Calibration, Testing and Minor Overhauling (6 Yearly) of Relays type DI-DU confirming to CLW Spec no CLW/ES/R-27 with latest Alt R of 12.06.2002.

SN	Item Description	Present	Proposed
1	Shunt Completed	Must change	On condition basis
2	Buffer Set Screw (Details as per Annex.A1)	Must change	On condition basis
3	Glass	Must change	On condition basis
4	Designation Plate	Must change	On condition basis
5	Sealing Ring for case assy.	Must change	On condition basis
6	Lamination Cover(Only for DU Relay)	Must change	On condition basis
7	Button	Must change	On condition basis
8	Spring(QLM) Or Spring (Q30,QOA,QOP,QRSI,QF,QE,& QLA)	Must change	On condition basis
9	Consumables	Must change	On condition basis
10	Special Hardware (Details as per A2)	Must change	On condition basis
11	Packing	Must change	On condition basis



**Annexure-A-1**  
**Buffer Set Screw (SN2)**

S.No.	Item Description	Present	Proposed
1	Set Screw	Must change	On condition basis
2	Detent	Must change	On condition basis
3	Rubber Buffer	Must change	On condition basis
4	Screw Spindle	Must change	On condition basis

**Annexure-A-2**

**Special Hardware**

SN	Item Description	Present	Proposed
1	CHHD Screw M 2x5	Must change	On condition basis
2	Hex. Nut M2	Must change	On condition basis
3	H.T. Spring washer M2	Must change	On condition basis
4	Stickers	Must change	On condition basis
5	Locking Screw	Must change	On condition basis
6	Circlip Ø 3.2	Must change	On condition basis
7	Spring	Must change	On condition basis
8	Buffer	Must change	On condition basis

**Annexure -B**

**Scope of Work (12 Yearly)**

Calibration, Testing and Minor Overhauling (12Yearly) of Relays type DI-DU confirming to CLW Spec no CLW/ES/R-27 with latest Alt R of 12.06.2002.

SN	Item Description	Present	Proposed
1	Shunt Completed	Must change	On condition basis
2	Buffer Set Screw (Details as per Annexure B-1)	Must change	On condition basis
3	Glass	Must change	On condition basis
4	Designation Plate	Must change	On condition basis
5	Sealing Ring for case assy.	Must change	On condition basis
6	Lamination Cover(Only for DU Relay)	Must change	On condition basis
7	Consumables	Must change	On condition basis
8	Front Plate for Armature Locking (QLM) <b>or</b> Front Plate Complete (QE,QF,QRSI,QOP, QOA & QLA) <b>or</b> Front Plate Complete(Q30)	Must change	On condition basis
9	Hub	Must change	On condition basis
10	Special Hardware (Details as per Annexure B-2)	Must change	On condition basis
11	Packing	Must change	On condition basis



### Annexure-B-1

#### Buffer Set Screw (SN2)

S.No.	Item Description	Present	Proposed
1	Set Screw	Must change	On condition basis
2	Detent	Must change	On condition basis
3	Rubber Buffer	Must change	On condition basis
4	Screw Spindle	Must change	On condition basis

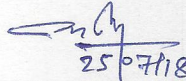
### Annexure-B-2

#### Special Hardware

SN	Item Description	Present	Proposed
1	CHHD Screw M 2x5	Must change	On condition basis
2	Hex. Nut M2	Must change	On condition basis
3	H.T. Spring washer M2	Must change	On condition basis
4	Stickers	Must change	On condition basis
5	Locking Screw	Must change	On condition basis
6	Circlip Ø 3.2	Must change	On condition basis
7	Spring	Must change	On condition basis
8	Buffer	Must change	On condition basis

### Annexure C:

This schedule should be carried out in the POH due after 18 years.

  
( A. K. Shukla)  
EDSE/RDSO