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सत्यमेव जयते

भारत सरकार - रेल मंत्रालय  
अनुसंधान अभिकल्प और मानक संगठन  
लखनऊ - 226011  
Government of India-Ministry of Railways  
Research Design & Standards Organisation  
Lucknow - 226011



No. EL/3.2.19

Date: 15.11.2000

**TECHNICAL CIRCULAR NO. ELRS/TC/0068-2000, Rev. '0'**

Chief Electrical Loco Engineer,

- Central Railway, Mumbai CST- 400 001.
- Eastern Railway, Calcutta- 700 001.
- East Central Railway, Hazipur, Dichi ( Bihar )
- East Coast Railway, Bhubneshwar ( Orissa )
- Northern Railway, New Delhi-110 001
- North Central Railway, Hasting Road, Allahabad
- North - Eastern Railway, Gorakhpur
- North West Railway, Jaipur
- New Zone Railway, Bilaspur
- Southern Railway, Park Town, Chennai-600 003
- South Central Railway, Secunderabad -71
- South Eastern Railway, Garden Reach, Calcutta-700043
- South Western Railway, Bangalore -560 023.
- Western Railway, Churchgate, Mumbai 400 020
- West Central Railway, Jabalpur
- Chittaranjan Locomotive Works, Chittaranjan 713 331 (W.B.)

**Sub: Provision of modified passenger emergency alarm circuit/arrangement in Electric Locomotives.**

- Ref: 1. RDSO's Modification Sheet No. ELRS/MS/0264, Rev. '0'  
2. RDSO's letter of even no. dated 25/30.05.2000.  
3. Item No. 4 under new items of Minutes of 27<sup>th</sup> MSG  
(Elec. Loco) Meeting held at Calcutta, Eastern Railway on  
27 th & 38th July, 2000.

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RDSO vide their Modification Sheet No. ELRS/MS/0264, Rev. '0'. had issued a modification to prevent operation of audio visual alarm during brake release after normal braking application by the driver through A9. This modification required an additional pressure switch to be incorporated along with change of connection in the original circuitry advised to Railways vide RDSO's letter no. MC/APB dated 4.4.96. For earlier scheme of passenger alarm emergency circuit, CLW had standardized the lay out arrangement for various components vide their drawing no. CLW.IW.9009.73, Sheet No. 1,2, & 3. RDSO vide their letter referenced above at Sl. No. (2) had advised Railways to follow the similar lay out arrangement for assembling modified passenger alarm circuit

using various components for which RDSO/CLW's approved sources already exist. CLW have now prepared a lay out arrangement drawings for RDSO's modified passenger emergency alarm circuit and have sent to all the Railways vide their letter No. ELDD/3205/ACG dated 10.07.2000. The details of the drawings are as follows ;

S. No.	Drawing No.	Total No. of Sheets	Applicable to
1.	CLW.4W.9009.192	6	WAG7
2.	CLW.3W.9009.191	4	WAG7
3.	CLW.3W.8004.67	6	WAP4

As per decisions recorded under new items No. (4) of 27<sup>th</sup> MSG (Elec. Loco) meeting held at Calcutta, Eastern Railway, all Railways will implement the modification in line with RDSO's directives in all the locomotives including freight locomotives by 31.12.2000. All Railways are therefore requested to ensure the compliance under feedback to RDSO.



(O.H.Pande)

for Director General/Elect

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