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No. EL/3.2.19 (G)

Date 08.06.15

**Chief Electrical Engineer,**

- Central Railway, Mumbai CST-400 001.
- Northern Railway, Baroda House, New Delhi-110 001.
- North Central Railway, Hastings Road, Allahabad- 211001
- Eastern Railway, Fairlie Place, Kolkata -700 001.
- East Central Railway, Hazipur-844101.
- East Coast Railway, Chandrashekharpur, Bhubaneshwar-751016.
- Southern Railway, Park Town, Chennai-600 003.
- South Central Railway, Secunderabad-500 371.
- South Eastern Railway, Garden Reach, Kolkata -700 043.
- South Western Railway, 4<sup>th</sup> Floor, Laxmi Balakrishna Square Complex, Railway Station Road, Hubli- 580 020 (Karnataka).
- South East Central Railway, Bilaspur-495004
- Western Railway, Churchgate, Mumbai-400 020.
- West Central Railway, Jabalpur-482001.
- Chittaranjan Locomotive Works, Chittaranjan-713 331 (WB)

**Amendment no. 01**

**Sub:** Amendment no. 01 to Modification sheet No. RDSO/2007/EL/MS/0349 Rev.'0' dated 18.05.2007, for provision of additional BP isolating cock in series with BP angle cock in pure air brake and dual brake Electric Locomotives.

**Ref:** 1) RDSO's Modification sheet No. RDSO/2007/EL/MS/0349 Rev.'0' dated 18.05.2007.  
2) RDSO's letter of even no. dated 17.11.2011  
3) Minutes of CELE conference issued vide Railway Board letter no. 2015/Elect.(TRS)/138/2, New Delhi, dated 30.04.2015

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The Modification sheet under reference-1 for provision of additional BP isolating cocks in electric locomotives, behind the loco buffer beam has been issued to avoid failure of loco due to breakage of BP angle cock during cattle run over.

Vide RDSO's letter under reference-2, it has been advised that henceforth provision of additional isolating cock with vent at the same location may be made in this application as the air discharge (BP destruction) will be much faster in case of any inadvertent closure of additional BP cock in route & it will cause application of brake then and there only.

The issue has been discussed in CELE conference held at Railway Board on 18.04.2015 and it has been advised vide Railway Board letter no. 2015/Elect.(TRS)/138/2, New Delhi, dated 30.04.2015 (minutes of meeting) that CLW to ensure provision of additional BP isolating cock with vent and all Railways to check availability of additional BP isolating cock with vent in all locos.

The issue has been further discussed during reliability meeting held at CLW on 27.04.2015 and it has been decided to issue amendment of aforesaid modification sheet.

In view of above, following amendment to modification sheet No. RDSO/2007/EL/MS/0349 Rev.'O' dated 18.05.2007 is being issued:

**Amendment no. 1 to Modification sheet No. RDSO/2007/EL/MS/0349 Rev.'O'**

SN	Para no of MS no. 0349 Rev'O'	Existing	To be read as
1	Para (4)	Additional isolating cock of size 1-1/4" without vent.	Additional isolating cock of size 1-1/4" <b>with vent.</b>

The additional angle cock with vent should be provided in such a manner so that it vents the air towards angle cock on closing the additional BP isolating cock. The additional isolating cock with vent shall be provided as per CLW drawing no. 0/2/65/364 & may be procured from CLW approved sources. All existing locomotives should be modified with the above modification.

Rest of instructions issued vide modification sheet No. RDSO/2007/EL/MS/0349 Rev.'O' dated 18.05.2007 holds good.

Encl: Nil

(A.K.Goswami)  
for Director General (Elect.)

Copy to:

As per standard mailing list.

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Encl: Nil

(A.K.Goswami)  
for Director General (Elect.)

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