भारत सरकार - रेल गंत्रालय

अनुसंघाल अभिकल्प और मानक संगठन

लकानक - 226011

Government of India - Ministry of Railways Research, Designs & Standards Organization, LUCKNOW - 226011

dated: 17.12.2007

EL/3.2.119

Chlof Electrical Engineers:

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- 1. Central Railway, Mumbai, CST-400 001.
- 2. East Central Railway, Hazipur-844101.
- 3. East Coast Railway, Chandrashekharpur, Bhubaneshwar-751016.
- 4. Eastern Railway, Fairlie Place, Calcutta-700001.
- 5. North Central Railway, Hastings Road, Allahabad- 211001.
- 6. Northern Railway, Baroda House, New Delhi-11 0001.
- 7. South Central Railway, Secunderabad-500 071.
- 8. South East Central Railway, Bilaspur-495004.
- 9. South Eastern Railway, Garden Reach, Calcutta-700 043.
- 10. Southern Railway, Park Town, Chennai-600 003.
- 11. West Central Railway, Jabalpur-482001.
- 12. Western Railway, Churchgate, Mumbai-400 020.
- 13. Chittaranjan Locomotive Works, Chittaranjan-713331.

Modification sheet no: RDSO/2007/EL/MS/0351, Rev '0' Dated: Dec 2007

Title:

Modified suspension Arrangement for Battery Box in WAP1/4 Locomotive

2. Object:

During the 31st MSG meeting held at Secunderabad on 25th and 26th Sep 2006. The problem of hanging of battery box due to failure of welding in WAP1/as was discussed. To avoid hanging of battery box on line, Electric loco shed, Kanpur and Electric loco shed, Baroda gave the suggestion for modification which have been examined. It is found that the proposal of CNB shed for provision of nut and bolt in addition to welding is more suitable and reliable. Accordingly this modification is being issue

3. Work to be done.

To strengthen the battery box support, Drill 12 mm diameter hole on long

Weld the bracket to the battery boxes as shown in the above drawing. Mount the battery box in position by providing nut and bolt as per drawing

4. Material required:

Mounting brackets and "L" bracket and Nut and bolt of M10X50 grade 8.8.

5. Application to class of locomotives:

WAP-1/4 class of locomotives

6 Agency of Implementation:

CLW, Electric loco sheds and POH work shops.

7. Reference:

Encl.: SKEL-4716

RDSO drg. no. SKEL-4716

(M.K. Gupta) for Director General/Electrical

134960

