



भारत सरकार - रेल मंत्रालय
अनुसंधान, अभिकल्प और मानक संगठन
लुक्नो - 226011
Tele/Fax : 2465754 & 42226 (Rly)
e-mail : dscAcs@gmail.com

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



No. EL/3.1.35/12 (SB)

Date: 25.02.2019


Principal Chief Electrical Engineer,

1. Central Railway, Mumbai, CST-400 001.
2. East Central Railway, Hazipur-844 101.
3. East Coast Railway, Chandrashekharapur, Bhubaneswar-751 016.
4. Eastern Railway, Fairlie Place, Calcutta-700 001.
5. North Central Railway, Block-A, Subedarganj, Allahabad- 211 033.
6. Northern Railway, Baroda House, New Delhi-110 001.
7. North Western Railway, Jaipur- 302 006
8. North Eastern Railway, Gorakhpur-273001
9. North East Frontier Railway, Maligaon, Guwahati-781011
10. South Central Railway, Secunderabad-500 071.
11. South East Central Railway, Bilaspur-495 004.
12. South Eastern Railway, Garden Reach, Kolkata-700 043.
13. Southern Railway, Park Town, Chennai-600 003.
14. South Western Railway, Hubli- 580020
15. West Central Railway, Jabalpur-482 001.
16. Western Railway, Churchgate, Mumbai-400 020
17. Chittaranjan Locomotive Works, Chittaranjan-713 331
18. Diesel Locomotive Works, Varanasi-221 004

Sub: Minutes of the meeting regarding issues of Spheriblock used in three phase Electric Locomotives.

Enclosed please find Minutes of the meeting held at RDSO on 19.02.2019 to review the performance of spheribloc and its replacement.

This is for your kind information and necessary action please.


(Pratibha Gupta)
for Director General/ Electrical

Encl: Copy of minutes of meeting

Copy to:

- i. M/s BHC Gummi Metal GmBH, Buschstrasse 8, D-53340, Meckenheim, Germany.(Through Indian Representative)
M/s. S. K. Sales Corporation, 30-Strand Road, 1st floor Kolkata-700001, 247, Dum Dum Park, 2nd floor, near 2 no. tank, Kolkata-700 055.
- ii. M/s Basant Rubber Factory Pvt. Ltd, 103-B, L. B. S. Marg Vikhroli (W) Mumbai-400083.
- iii M/s Prag Industries (India) Pvt. Ltd, E-7 Talkatora Industrial Estate, Lucknow-226011.

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Minutes of the meeting held at RDSO on 19.02.2019 to review the performance of Spheribloc and its replacement used in three phase Electric Locomotives

Present:

RDSO (S/Shri)	Railway (S/Shri)	Firm (S/shri)
Pratibha Gupta, JDSE/Mech.	Prateek Sahu, SSE/ELS/NKJ(WCR)	Imran, Sr. partner M/s S K Sales (Indian agent of M/s BHC, Germany)
U. B. Yadav, SSE/D/Elect.	Naresh Bharaut, SSE/ELS/BRCY(WR)	Mahesh Pritmani, GM/Product Development, M/s Basant Rubber, Mumbai
Santosh Kumar, SSE/D/Elect	Manish Kumar, SSE/ELS/GZB(NR)	H. N. Agrawal, Head Sourcing, M/s Prag Industries, Lucknow

A meeting was held at RDSO on 19.02.2019 with representatives of Electric loco sheds & Firms to review the performance of Spheribloc and its replacement. During the meeting following points were discussed:

1. Sheds expressed that warranty of spheribloc is 24 months. Whereas the replacement schedule in WAP5 locomotives is during TOH i.e. 18 months. So, complete life of spheribloc is not being utilized.
2. Railways also pointed out that the failure of torque arm spheriblocs is more as compared to axle guide spheribloc, although the design of both the spheribloc are exactly same.
3. Railways were requested to upload the performance feedback of firm on RDSO web portal which will be helpful for RDSO to take suitable decision specially in case of upgradation of status of the vendors.
4. In the last meeting with M/s BHC on 27.11.2018 they were asked to submit the investigation report of failed sample collected from ELS/LGD, proposal for improvement in design to enhance life, and design of jigs/fixture for proper fitment of spheriblocs. But firm has submitted none till date. M/s BHC again advised to submit the same at the earliest.
5. Railways requested that the design of jig/fixture for fitment of spheribloc aligned to the torque arm and axle guide may also be given by the firms
6. All the firms were asked to submit part and complete drawing of their make spheriblocs.

