

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



No.EL/3.1.35/12 (SB)

Date 01/10/2018

Central Railway, Mumbai CST-400 001.
Northern Railway, Baroda House, New Delhi-110 001.
North Central Railway, Block A2, Allahabad- 211 033
Eastern Railway, Fairlie Place, Kolkata -700 001.
East Central Railway, Hazipur-844101.
East Coast Railway, Chandrashekharpur, Bhubaneswar-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, 4th 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)

Sub: Minutes of the meeting held at RDSO on 27.9.2018 regarding failure of
Spheribloc in 3-phase Electric Locomotives.

Enclosed please find Minutes of the meeting held at RDSO on 27.9.2018
regarding failure of Spheribloc in 3-phase Electric Locomotives.

Pratibha Gupta
(Pratibha Gupta)
For Director General /Elect

Encl; As above

- (a) The Secretary (Elect.), Railway Board, New Delhi-110 001- for kind information please.
- (b) M/s BHC Gummi Metal GmbH, Buschstrasse 8, D-5340, 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.
- (c) M/s Basant Rubber Factory Pvt. Ltd, 103-B, L. B. S. Marg Vikhroli (W) Mumbai-
400083.
- (d) M/s Prag Industries (India) Pvt. Ltd, E-7 Talkatora Industrial Estate, Lucknow-
226011.

Minutes of the meeting held at RDSO on 27.9.2018 regarding failure of Spheribloc in 3-phase Electric Locomotives

Members Present:

RDSO/Railways(Smt/Shri)	Railways(Smt/Shri)	Firm(Smt/Shri)
O. P. Kesari PEDSE	Rahul Agarwal SEE/CLW	Imran S. K. Sales
Pratibha Gupta JDSE/Mech	Murlikrishna P ADEE/ELS/RPM	Praveen Jethwani Dir. Basant Rubber
Girraj Kishore ADE/Mech	R. M. Srivastava ADEE/ELS/AQ	Mahesh Pritmani GM, Basant Rubber
Santosh Kumar, SSE/Elect	D. R. Bele SSE/ELS/AQ	D. K. Srivastava Prag Industries
Udaybhan Yadav SSE/Elect	Hariyendra Patel SSE/ELS/NKJ	
	Jagdish Prasad SSE/ELS/TKD	

A meeting was held at RDSO on 27.9.2018 to discuss the failures of Spheribloc for 3-phase Electric Locomotives. During the meeting following points were discussed:

- (i) Since spheribloc is a rubber material, it has shelf life hence Zonal railways were advised to procure spheriblocs in staggered manner to meet their requirements.
- (ii) ELS/LGD has reported high rate of failure of BHC make in the period from April 2018 to August 2018. The firm was advised to visit ELS/LGD and submit investigation report to RDSO.
- (iii) Zonal Railways have pointed out large number of failure of Dampers (Mainly Vertical damper). It was pointed out that poor quality of spheribloc in dampers is leading to failure of dampers. Railways were advised to send make wise, location wise and cause wise failure data of dampers so that quality of spheribloc of dampers can be analyzed.
- (iv) Zonal Railways have pointed that firms supply dampers in loco sets only whereas life of vertical damper is much lesser than other dampers. This leads to shortage of vertical dampers as compared to other type of dampers. Representative of ELS/AQ reported that damper manufacturers are not giving even budgetary quotation of individual dampers. CLW is requested to advise the firms to give their offers as required by shed for vertical damper supply.


(Pratibha Gupta)

For Director General/Electrical