

Fax : 91-0522-2465754
Telephone : 2465754
e-mail : dse4cs@gmail.com



भारत सरकार-रेलमंत्रालय
अनुसंधान, अभिकल्प और मानक संगठन
लखनऊ - 226 011
Government of India - Ministry of Railways
Research, Designs & Standards Organization,
LUCKNOW - 226 011

No. EL/3.1.35/12

Dated: 26/09/2017

- (i) M/s Acla Werke, Frankfurter STR 142-190 KOLN D-51065, Germany.
(Through Indian Representative)
M/s. R.S.Technologies, 247, Dum Dum Park, 2nd floor, near 2 no. tank,
Kolkata-700 055. (Email: rsttechnologies3@gmail.com)
- (ii) M/s Avadh Rail Infra Ltd., D-12, Industrial Area, Amausi, Lucknow- 226008.

Sub: Minutes of meeting regarding failure of Elastic Ring for three phase electric locomotive.

Please find Minutes of meeting held at RDSO on 25/9/2017 regarding failure of Elastic Ring for three phase electric locomotive enclosed as Annexure-I.

(Pratibha Gupta)
for Director General/Electrical

Encl: As above

Copy to:

(a) The Secretary (Elec.), Railway Board, New Delhi-110 001- for kind information please.

(b) Chief Electrical Engineer,

- (i) Chittaranjan Locomotive Works,
Chittaranjan-713 331 (WB)
- (ii) Northern Railway, Baroda House,
New Delhi-110 001.
- (iii) Central Railway, Mumbai CST-400 001.
- (iv) South Central Railway, Secunderabad-500 371.
- (v) South East Central Railway, Bilaspur-495004

For information and
necessary action please

Minutes of the meeting held at RDSO on 25.09.2017 regarding failure of Elastic ring in 3-phase Electric Locomotives

Member Present:

RDSO(Smt/Shri)	Railway(Smt/Shri)	Firm(Smt/Shri)-
O. P. Kesari EDSE (Co-ord)	Nagraj T. DEE/RS/LGD	Abhishek saraff MD M/s Avadh rail Infra Ltd
Pratibha Gupta JDSE/C&S	R. N. Tiwari SME/D/CLW	Goutam Ghosh Sr. VP marketing M/s Avadh rail Infra Ltd
Santosh Kumar, SSE/Elect	V. P. Sharma SSE/GZB	Balraj Tanwar G. M. M/s Avadh rail Infra Ltd
		Ranjan singh Proprietor M/s R. S. Technologies

1. Recently 5 failures of M/s Avadh Rail infra Ltd. make elastic ring were reported from sheds in newly commissioned locomotives from CLW. Details of the failure are given below:

SN	Loco No.	Shed	DOC	DOF
1	30495	WAT	31.03.2017	24.05.2017
2	31924	WAT	Not commissioned	16.05.2017
3	31907	WAT	Not commissioned	11.08.2017
4	31829	BNDM	09.06.2017	28.08.2017
5	31694	TATA	23.03.2016	04.01.2017

- M/s Avadh Rail visited these shed for failure investigation. Failure investigation report shown by firm was not convincing, hence firm was advised to carry out a comprehensive failure investigation jointly with RDSO and CLW/loco sheds and submit joint reports.
- M/s Avadh Rail had also brought three no. failed sample of elastic ring collected from sheds. One no. sample was retained by RDSO for testing at M&C dte. of RDSO. While test report of other two samples should be submitted to RDSO by the firm.
- During visual inspection of the failed samples, it was noticed that the marking of the batch i.e. mfg. month/year was not punch on the rings. Firm informed that they are marking batch with permanent marker. It was advised to firm to punch the batch on the ring.
- Routine test report of the previous input by railway representative are required to be submitted to RDSO by firms for checking adequacy of inspection.
- It was noticed that the Indian representative of M/s Aclawerk Germany, who attended meeting was not fully prepared for the meeting. It was advised to all firms that whenever they are coming for the meeting they should come fully prepared for the subject matter.
- RDSO is in process of developing a comprehensive SMI for fitment of Elastic ring on the pivot head. Procedure of fitment of elastic ring was discussed during the meeting. Firms were requested to offer their comment for improvement in it.

(Pratibha Gupta)
For Director General/Electrical