

भारत सरकार-रेल मंत्रालय
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Government of India
Ministry of Railways
Research, Designs &
Standards
Organization,
LUCKNOW-226011



No. EL/3.2.19/3-Phase

Date 09.05.2019

M/s. Faiveley Transport
Rail Technologies India Limited,
P.B. No. 69, Harita, HOSUR,
Tamil Nadu- 635 109

Sub: Minutes of Meeting held at RDSO on 02.05.2019 regarding E-70 brake system for 3-Phase Electric Locomotives.

Please find attached the Minutes of Meeting based on discussion with representatives of M/s FTRTIL of Brake System on the subject for your kind information and necessary action.


(Sudhir Ranjan)

For Director General Elect.

DA: MOM

Copy to:

- Secretary (Electrical), Railway Board, Rail Bhawan,
New Delhi-110001
(Kind attn.: Shri A. K. Goswami, DEE/RS/RB), for kind information please.
- Principal Chief Electrical Engineer
All Zonal Railways , CLW, DLW & DMW
- for kind information and necessary action please.


(Sudhir Ranjan)

For Director General Elect.

DA: MOM

Minutes of meeting held at RDSO on 02.05.2019 with M/s FTRTIL regarding E-70 brake system

Members present:

SN	Name (S/Shri)	Designation
RDSO		
1	O.P. Kesari	PEDSE
2	Aseem Kumar	DSE/Pn.
M/s FTRTIL		
1	V. Chandrasekar	Vice President
2	Sudipto Kali	Deputy Manager

A brief meeting was held with representatives of M/s FTRTIL where following points were discussed:

1. M/s FTRTIL will supply 10 units of Electronic Cards with rack, developed from the new source i.e. M/s Avalon, to ELS/GZB against their existing orders within 15 days. They have to submit Test certificates of these new Electronic cards to ELS/GZB also.
2. M/s FTRTIL has to submit Test certificates and Bill of Material of Electronic cards and rack, developed from the new source, to RDSO.
3. M/s FTRTIL submitted that the tolerance for pressure switch setting for Direct Brake pressure switch and Brake Cylinder Bogie pressure switch is mentioned as $\pm 0.05 \text{ kg/cm}^2$ which is very difficult to be achieved. The tolerance should be $\pm 0.1 \text{ kg/cm}^2$ as it was earlier. This matter will be discussed and decided in the incoming meeting at ELS/RPM after taking feedback from Railways.
4. M/s FTRTIL submitted that necessary changes in QAP due to removal of Parking brake in WAG-9 loco are required. Firm is requested to submit the revised QAP.
5. Other reliability issues will be discussed in the meeting at ELS/RPM in detail along with the firm and Zonal Railways.

⑥ $\frac{1}{9/5/19}$