



भारत सरकार - रेल मंत्रालय  
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No. EL/3.2.119 (CBC)

Dated: 31.12.2018

Raneka Industries Ltd.,  
Plot No.15,16,17, Sector-3 (Sagore),  
Pithampur, Distt.- Dhar (MP)  
Pin-454775

**Sub:** Minutes of Meeting regarding failures of M/s Reneka make E-Type CBC used in Electric Locomotives

The minutes of the meeting held at RDSO on 24.12.2018 regarding failure of M/s Reneka make E-Type CBC used in Electric Locomotives is enclosed herewith for kind information please.

  
(Pratibha Gupta)

for Director General/Electrical

**Encl:** Copy of the minutes of meeting

**Copy to:**

- (a) The Secretary (Elec.), Railway Board, New Delhi-110 001- for kind information please.
- (b) Chief Electrical Engineer,  
Southern Railway,  
Park Town, Chennai-600 003.
- (c) ED/QA (Mech)
- (d) ED/ Motive Power

**Minutes of the meeting held at RDSO on 24.12.2018 regarding failures of M/s Reneka make E-Type CBC used in Electric Locomotives**

**Present:**

Name (Smt/Sri)	Organization (Smt/Sri)
O. P. Kesari, PEDSE	RDSO
Pratibha Gupta, JDSE/Mech.	
U. B. Yadav, SSE/D/Elect.	
G. S. Pandey, AIE/QA(Mech)	
Naga Sreenivasu, Rongala, DEE	ELS/ED, Southern Railway
Noushad, SSE	
Kapil Jain, Managing Director	M/s Reneka Industries Ltd.

A meeting was held at RDSO on 24.12.2018 with representatives of M/s Reneka to discuss on failures of E-Type CBC reported by Railway. During the meeting following points were discussed:

1. Firm expressed that as per RDSO drawing no. SK-62724 relief is not specified in yoke corner whereas AAR relief of 12.5mm is specified. In view of cracks in yoke corner, it was decided in the meeting that RDSO drawing will be corrected in line with AAR for 12.5 mm relief in yoke corner. However, Firm may start providing relief as per AAR.
2. Representative of ELS/ED expressed that they are doing MPT to check crack in CBC. They proposed that MPT at specified critical location particularly in corner may be included in the drawing as per applicable IS.
3. As per the performance received from Railways, it came into notice that many warranty obligation are pending on firms account. They were advised to visit sheds for joint investigation of failed CBC and also clear all their warranty obligation.
4. From the failure report received from Zonal Railways, it finds out that around 60-70% failure are due to crack at yoke corner. Firm was advised to investigate the root cause of these types of failures and submit the investigation report.
5. Representatives of ELS/ED pointed out about the periodicity of replacement of CBC in WAG9 locomotives is POH which is 9-10 years this can be change in line with Diesel locomotives and WAP7 locomotives i.e 6 years. They were advised to send the age wise performance of CBC to analyze the above.

