

**East Central Railway  
Signal & Telecommunication Department**

**TECHNICAL CIRCULAR NO. 9**

Docket No. ECR/S&T/Tech Circular/185 Dated: 21/01/08


**Sub: Maintenance of Signal Failure Register.**

It is observed that there is no consistency in the maintenance and upkeep of the Signal Failure Registers. Entries are not being made uniformly even on all the stations of a division. In order to have a uniform practice, the following shall be adopted uniformly.

1. Failure of the gear shall be clearly written mentioning the name of the gear and the time of failure by the Station Traffic staff.
2. Signal maintenance staff shall clearly write the cause of the failure after restoration of the failure. Restoration time also is to be recorded in the signal Failure Register.
3. At the end of the month, failures are to be categorized cause-wise, department-wise as given below.
  - i) S&T
  - ii) Operating
  - iii) Engineering
  - iv) BSNL
  - v) Electrical
  - vi) Mechanical
  - vii) Miscreant
  - viii) Miscellaneous
  - ix) Bad Whether
  - x) Other Station
  - xi) Construction
4. During inspection by SSE/SE/JE (Signal) and officers, causes of the failures are to be analysed and action to be taken to eliminate the cause of the failure. Action taken shall be recorded in the Register by the SSE/SE/JE (Signal) and officers.
  - i) During inspection, failures in the current month is to be compared with the failure of the previous month to identify if any gear has failed in both the months. Cause of such repetition of failures has to be identified and corrective action taken and recorded in the Register by Signal officer.
  - ii) The SSE/SE/JE (Signal) and officers must also indicate further action to be taken to improve the performance and ensure compliance of the same. The SSE/SE/JE (Signal) must record in the Signal Failure Register action taken by him.
5. SSE/SE/JE(Signal)and officer must correlate the work done during directed maintenance/Corridor Block and failure of the gear in the Signal Failure Register.
6. Correspondences between Failure Memo, Entry in the Signal Failure Register and T/369 and Disconnection/Reconnection memo must be examined and discrepancies, if any, must be recorded in the Signal Failure Register.

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7. In the case of failure of points, joint inspection register must be cross-checked to establish deficiencies noted, if any, and their compliance.
  8. On the back side of the Signal Failure Register, month-wise failure of the current year as well as previous two years must recorded to facilitate easy comparison. The inspecting official shall compare failures in the current month with the same in the previous two years.

This issues with the approval of CSTE.

  
(Arun Kumar) 21/01/08  
Chief Signal Engineer  
For General Manager (S&T)