

**Confidential**

**पूर्व तट रेलवे / EAST COAST RAILWAY**  
**सतर्कता विभाग/ VIGILANCE DEPARTMENT**

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No. ECoR/GM/V3/E3/ 6191

Date: 10.08.2023

**To**  
**The Pr. Chief Engineer,**  
**East Coast Railway,**  
**Bhubaneswar.**

**Sub:** Suggestion for System Improvement in connection with inspection of steel structures like FOB.

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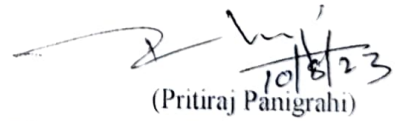
During vigilance investigation of a FOB in one of the stations in a division, during preventive check, the following were detected:

1. Severe deterioration of FOB structure was detected; following which FOB was suspended after inspection by Dy. CE/B & F/ECoR and CBE/ECoR. New FOB work was sanctioned & whole FOB was replaced at the station.
2. Scheduled inspections of the FOB at the level of SSE/Works, AEN & SSE/Bridge has not been done timely & entries for various years are missing in the Steel Inspection registers as defined in Para 228 of IRWM and ECOR/CE Circular-23 dt 14.02.05. In the Steel Inspection register, condition of the FOB was shown good for 11 years, except the remark "*Painting Required*". All of a sudden, in the 12th year, severe corrosion & depleted condition of structural members were reported declaring the structure unsafe.
3. Further, records of last painting done or any repairs attended to the said structure couldn't be produced by the field executives.
4. Irregularities recorded in registers were not complied nor details entered in the steel inspection register.
5. No details of Traffic & power block requisitions, demand of Tower wagons, etc. could be produced by field officials. CE circular 23, RB'S letter dated 28.06.2010 & 05.12.2019 and PED/Bridge letter dated 29.11.2022 don't seem to exist in place as system in practice.

In this regard, it is suggested that a JPO in this concern may be prepared jointly involving the stake holders PCE, PCEE, PCOM duly incorporating the following important aspects to avoid recurrence of such situations in future, as advised in the letters under reference above.

- A. Allowing of tower wagon for inspection of FOB's or any structure over OHE should be allowed when demanded by the inspecting officials. Arrangement of blocks for inspection and allowing traffic and power blocks for repairs/ maintenance, painting of steel structures as per demand on priority basis in view of safety.
- B. Details of block requisitions issued for inspection and repairs should also form part of the steel inspection registers or entered in BMS.
- C. It is recommended that Painting of FOB's and other major steel structures, as per schedule should be executed through special agency fixed timely on periodical basis, so as to track the painting schedule effectively instead of piece-meal paintings in Works Zonal & Special Civil works. Tool to monitor the schedule should also be in place.
- D. Paintings of such structures so done should be entered in BMS or steel inspection registers with date and month.
- E. Compliance of irregularities detected should also be entered in BMS/Steel inspection register.

This issues with the approval of SDGM.



(Pritiraj Panigrahi)

Dy.Chief Vigilance Officer (Engg)  
East Coast Railway, Bhubaneswar

- Copy to:
1. CBE/ECOR/BBS for information & necessary action please.
  2. SrDEN/Co/KUR,WAT & SBP for information & n/a please.