

TRO DRIVE NO. 04/2024

Sub: Functioning of VCD and it's isolation on locos.

Ref.- CEE/OP L. No. L.253.AC.136.C dated 26.02.2024. (As per CEE/OP Inst.03/2024

Ref : Railway Board's Letter No. 2024/Elect(TRS)/113/1(Misc) dated 20.02.2024.

Recently, on 18.01.2024 there was derailment of a goods train in Kamlanga yard on Khurda Road division of ECOR. During investigation, it was noticed that VCD of working loco 33459 WAG-9 VSKP (D) was in isolated condition.

To monitor the activation of VCD, a safety drive for 15 days should be launched from 27.02.2024 and ensure the following :

1. In all locomotives, availability of VCD counter.
2. No locomotive should be turned out from the shed with VCD in defective/isolation condition.
3. At the time of taking over charge and handing over charge of the locomotives, the crew should record the VCD counter number in the loco repair book.
4. On run, if VCD becomes defective, Loco Pilot should isolate the VCD only after getting authorization to do so from the Power control/TLC.
5. If the VCD gets defective/isolated on run, the locomotive should be declared as failed at loco changing point or destination.

CLIs are instructed to counsel the loco running staff accordingly. Compliance of the above instruction may be ensured and report to be submitted in following format: on 13.03.2024.

1. No of locos checked during drive :
2. No.of irregularities noticed during drive:
3. Action taken to rectify irregularities :
4. No of staff counseled (cadre wise)

Central Railway

No.: NGP/TRO/Safety/TRO DRIVE/24

C/- CEE (OP)/CSMT : For kind information..
All CCCO(R) : Display and on touch screen /hard copy in file.
SSE/Trip Shed/AQ : For information & necessary action.
CTLC/NGP : For information & necessary action.
All CLI : For counseling to all running staff.
C/- DI/DTC/AQ : To impart in training.

Divisional Office,
TRO Branch, Nagpur
Dt. 26.02.2024


Sr. DEE (TRO) /NGP

Central Railway



**Prin. Chief Electrical
Engineer's Office,
Mumbai CSMT-400001**

CEE/OP Instruction No.02/2024

No. L.253.AC.136.C

Date: 26.02.2024

**Sr. DEE /TRO/BB, BSL, NGP
Sr. DME/Fr & Op/BB
DME/Op/PA
DME/O&C/SUR
Sr. DEE/TRS/AQ, BSL, KYN
Sr. DME /D/KYN, PA, CLA**

Sub: Functioning of VCD and it's isolation on locos

Ref: Railway Board's letter No.2024/Elect(TRS)/113/1(Misc) dated 20.02.2024

Recently, on dated 18.01.2024, there was derailment of a goods train in Kamlanga yard on Khurda Road division of ECOR. During investigation, it was noticed that VCD of working loco 33459 WAG9 VSKP(D) was in isolated condition.

On dated 07.02.2024, the case was reviewed at Railway Board and has directed as under:

- (i) Board's instructions regarding functioning of VCD on locomotives are to be reiterated for compliance.
- (ii) Drive should be launched by Zonal Railways to ascertain the sealing and functioning of VCD in every locomotive.
- (iii) Technical feasibility of generation of alarm in real time on isolation of VCD can be explored.

In view of above, the instructions issued by Railway Board's vide letter No. 2014/Safety(DM)/7/1 dated 25.08.2014 (copy enclosed), are reiterated as under:

1. No locomotive should be turned out from the shed with VCD in defective/isolated condition.
2. On run. if VCD becomes defective, Loco Pilot should isolate the VCD only after getting authorization to do so from the Power Control/TLC.
3. If the VCD gets defective/isolated on run, the locomotive should be declared as failed at loco changing point or destination.
4. Loco sheds should thoroughly investigate the reason of VCD malfunctioning or becoming defective on run and initiate corrective action.


To monitor the activation of VCD, a safety drive for 15 days should be launched from 27.02.2024 and ensure following:

1. In all locomotives, availability of VCD counter.
2. No locomotive should be turned out from the shed with VCD in defective/isolated condition.
3. At the time of taking over charge and handing over charge of the locomotives, the crew should record the VCD counter number in the loco repair book.
4. On run, if VCD becomes defective, Loco Pilot should isolate the VCD only after getting authorization to do so from the Power Control/TLC.
5. If the VCD gets defective/isolated on run, the locomotive should be declared as failed at loco changing point or destination.
6. Loco sheds should thoroughly investigate the reason of VCD malfunctioning or becoming defective on run and initiate corrective action.
7. On arrival to the shed, the crew involved in the VCD actuation on run should be identified and the concerned controlling officer for corrective action should be advised accordingly by the loco shed.

CLIs to be instructed to counsel the loco running staff accordingly. Compliance of the above instructions may be ensured and report to be submitted in following format:

1. No. of CLIs/Officers associated in drive:
2. No of locos checked during drive:
3. No of irregularities noticed during drive:
4. Action taken to rectify irregularities:
5. No. of staff counselled (cadre wise):

DA- As above

 26.02.2024

(H.M.Sharma)

Chief Electrical Engineer (Op)

Copy to:PCEE, PCSO: For information please