

EASTERN RAILWAY

No-EL OP 6/7

Dt-

27.12.2021

CCC/R/SDAH & CCC/R/DDJ

All CLIs

SDAH, Eastern Railway

Sub: Technical counselling based on recent failures of EMU

Recently, many EMU trains suffered loss of punctuality due to poor technical knowledge and lack of proper trouble shooting ability of the concerned motormen.

In view of these LOP cases, the following technical counselling is to be launched for 15 days:

1. Raising and lowering of pantographs from cab: (Electrical isolation)

Formula - PT will not raise on that unit in which ABB/VCB is closed.

- i) For self unit – a) open VCB, lower PT by switch, b) close VCB by switch (all VCBs of all units will close), c) trip self unit manually by operating ABR, d) raise PT by switch. See physically raising of PT of self unit. Close VCB. Only self unit will be energized.
- ii) For rear units – a) open VCB, lower PT by switch, b) manually close VCB of self unit by ABR & ARR, c) raise PT by switch. See physically raising of rear units PTs, c) close VCB by switch. Rear units will be energized and self unit will remain inactive.
For pneumatic isolation of PT, go to the HT compartment with reverser key and operate PIC (below PT reservoir) to 90°.

2. Control voltage zero/not available – Check i) HBA is ON, ii) Control fuse (32A) is healthy, iii) DC main +ve and DC main -ve fuses are healthy, iv) BA +ve MCB is set.

If failed, do control change over. If, even after control change over, BA voltage is not available then check for any slackness/opening of 'B' & 'C' coupler.

If not succeed, work from following Gr – 4.21 under the approval of CNL.

Note:-CLIs should practically counsel the above in Cab to his LP at originating / terminating / shed or where time is available.

You are hereby advised to counsel the motormen under your control and give feed-back to the under-signed after the drive is over.

S.C.Ghosh
(AEE/OP/SDAH)

Copy to: - All CCRs for information & necessary action with an advice to acknowledge by the running staff under your control on the above instructions.

S.C.Ghosh
(AEE/OP/SDAH)