

East Central Railway

Office of the
GM(S&T)/ECR
Dated:-01.07.2024

No. ECR-HQ0SnT(GENL)/70/2020-O/o Dy.CSTE/HQ/ECR
(Computer no.: 38556)

**Divisional Railway Manager,
DDU,DHN,DNR,SEE & SPJ
East Central Railway**

Sub: Provision of MCB/Switch for AC outside Relay Room and use of Auto changeover for AC.

Ref:- Rly Board letter no. 2015/Sig/Air-Conditioning dated 07.12.2015
(Copy enclosed)

Today on dated 01.07.2024 in GYA RRI relay room, there was a fire incident near IDF. Due to this, signaling wires melted and many signalling circuits failed. It is also to be noted that, at Gaya RRI, all MCBs/Switches were inside the relay room.

Rly Board vide its letter under reference regarding provision of Air conditioning for signaling Installation has issued instructions that switch to operate AC shall be outside the relay room at a suitable location.

In view of the above, it is once again reiterated that **all MCBs/Switches of AC must be outside the relay room and an auto-changover arrangement with a suitable periodic interval for operation of AC in Relay room should be ensured at all relay room. This arrangement should be completed on priority basis/war level.**

Divisions/Units are advised to ensure the implementation of the above at the earliest under information to this office.

DA:- As above

राकेश रंजन
01/07/2024
(राकेश रंजन)
मुख्यसंकेतअभियंता-I
पूर्वमध्यरेल,हाजीपुर

Copy to:- CSTE/W,CSTE/Con/South & North & CSE-II
for information and n/a pl.

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

(204)
Dated 07.12.15
209-12-15
415

No. 2015/Sig/Air-Conditioning

General Manager
All Zonal Railways,
& CORE/Allahabad
All PSUs,

409
11.12.15

Sub: Provision of Air conditioning for signalling Installation.
Ref: Railway Board's letter 2002/Elect(G)/150/9 Dated 09/14.6.2006.

In supersession to Railway Board's letter no. 2002/Elect(G)/150/9 dated 09/14.6.2006, as a policy, air-conditioning may be provided for every Signalling interlocking (PI/RR/VEI) Installation with routes more than 100 numbers, subject to:-

- (i) For other Signalling Installations, with less than 100 routes, air-conditioning may be provided for those installations which are prone to dust (coal dust, stone dust, iron ore etc.) or are in vicinity of chemical/fertilizer/other industrial factories releasing harmful fumes or are in areas with extreme temperature with the agreement of CSTE & CEE.
 - (ii) AC equipment shall be provided and maintained by Electrical deptt. at all such locations. Such ACs should be connected with the local supply available only from DISCOMs/SEBs and should not be fed from AT supply.
 - (iii) Temperature of Air-Conditioner shall be maintained at 28 °C - 30°C and it should be operated only during day time.
 - (iv) The switch to operate AC at such installations shall be outside the relay room at a suitable location.
 - (v) Provisioning of ACs should merely be an additional aid and non-functioning of ACs due to non-availability of power supply leading to signalling failures on account of relay/equipment failure should not be on Electrical account.
2. This issue with the approval of Board (ML).

Pranay Kumar
(Pranay Kumar)
Director Elec. Engg.(PS)
Railway Board

67.12.15
(Parag Kumar Goyal)
Director Project (S&T)
Railway Board

Copy to: (i) All CEE, CSTE & All Centralised Training Institutes of Indian Railways.

(ii) Additional Member/Signal, Additional Member/Telecom & Additional Member/Electrical, Railway Board.