





भारत सरकार Government of India रेल मंत्रालय Ministry of Railways रेलवे बोर्ड (Railway Board)



No.2021/Sig/21/Safety performance

New Delhi, Dt.10.06.2023

The General Manager All Indian Railways, Metro Railway, Kolkata & CORE/Allahabad

Sub: Joint Procedure Order- Disconnection/Reconnection for S&T Gears.

May please find enclosed herewith Joint Procedure Order on Disconnection/Reconnection protocols for S&T Gears signed by AM(Signal) & AM(Traffic) for bringing out the same to the notice of all concerned and implementation over all Zonal Railways.

Encl.: As above.

(रामेश्वर मीना)

कार्यकारी निदेशक/सिगनल

Copy to:

PSOs/Sr. PPSs/PPSs/PSs to CRB & CEO, MF, MI, MTRS, MO&BD, DG/Safety, Railway Board.



Joint Procedure Order - Disconnection/Reconnection Protocols for S&T Gears

The following instructions should be scrupulously followed when S&T gears are disconnected/reconnected under provisions of IRSEM and GR for maintenance /repairs or attending signal failures or otherwise:

1. Locking arrangement of relay rooms-

- 1.1 Relay room should be provided with double locks and door opening shall be monitored through data logger as per Para 21.2.2 of IRSEM. This includes provision of double locks at all relay rooms, relay huts, goomties & cabins provided as an extension of station relay room for housing signaling gears in station yard.
- 1.2 Double locking arrangement should be provided at all level crossing gate relay huts/ goomities within station limit housing S&T equipments of LC gates and point/track circuit signals.
- 1.3 Gate goomty/cabin housing S&T equipments in station yard should be treated as relay hut.
- 1.4 Till double locking arrangement is provided, key of single lock of relay huts/ goomties/cabins should be with Station Master (SM). The relevant entries regarding issue and deposit of the key should be maintained by SM in the same manner as being done for station relay room. The proforma for handing over / taking back of the key by the ASM on duty shall have a column specifying that the location for which key had been taken by maintenance staff has been properly closed and locked, by the maintenance staff who is returning the key.
- 1.5 Locks of genuine reputed make/ Digital locks should be provided as necessary.

2. <u>Disconnection/reconnection of signaling equipments</u>

- 2.1 Proper disconnection /reconnection protocols should be followed for signal maintenance, repairs / alteration works as per provisions contained in IRSEM and GR by authorized personnel with valid competency certificate.
- 2.2 When disconnection is permitted by SM for undertaking maintenance and repairs, it should be on proper disconnection/reconnection notice form as prescribed in Annexure: 3-A10 of Para 3.8.4(b) of IRSEM.

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- 2.3 After completion of work, once reconnection is accepted by SM, the first train to pass on Main Line should be dealt as under:
 - (a) The reception signal shall not be taken off and the first train shall be brought to stop at the first stop signal.
 - (b) The departure signal for run through trains should be taken off only after the train has occupied berthing portion by seeing the relevant indications on panel/VDU.
 - (c) These should be applicable for all Up & Down direction trains.
 - (d) Exception to these instructions will be in case of stations where reception or reception & departure signals are kept in off position to avoid stalling of loads due to rising gradients or site conditions. Necessary instructions may be incorporated in working rules to admit these trains in to the yard at restricted speed by keeping the departure signals at ON.
- 2.4 Alterations works in relay room should be done during traffic block/non interlocking only.
- 2.5 The status of disconnection/reconnection of gears should be reconciled in Divisional Control office by Signal Control & Traffic Control on daily basis jointly and may be confirmed from the data logger if necessary.
- Immediately, joint counseling by Traffic Inspector and SSE/Signal should be undertaken to sensitize all connected staff with Panel/VDU working including issue of fresh panel competency certificate. The counseling/ re-certifiation should be completed within next 15 days.
- 4. A list of relay huts where LC gate and points/signals are in the same relay hut / goomly should be issued at divisional level by Sr. DSTE & Sr. DOM and brought to the notice of all for implementation on the division. Any new addition /deletion of location shall be updated by Sr.DSTE and notified for field supervisors by Sr.DSTE and Sr.DOM jointly.

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AM/Traffic

(Rahul Agarwal) AM/Signal