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भारत सरकार/प.म.रेल
Ministry of Railways/W.C.R. JBP.
24 JUL 2023
दिनांक
पत्र नं.



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

No. 2012/Sig/SF/2(Policy)

New Delhi, Date: 20.07.2023

General Managers,
All Indian Railways.

Sub: Commissioning of New works or Alteration to existing signalling installation
Ref: (i) Rly Bd's letter no. 2012/Sig/SF/2(Policy) dated 09.04.2012 and 30.12.2016
(ii) Rly Bd's JPO no.2021/Sig/21/Safety Performance dtd.10.06.2023
(iii) Rly Bd's JPO no.2023/TT/IV/9/2 dtd.16.06.2023

In connection with above subject, detailed instructions/guidelines were circulated vide board letter dated 09.04.2012 under reference (i) to ensure adequate precautions, preparations, adequate deployment of competent personnel for completing verification/validation, correspondence checks & testing to ensure operational safety during and after completion such works.

It is seen that at number of locations proper protocol for alteration work are not being followed. Zonal railways are advised to ensure implementation of existing guidelines regarding the alteration works. Some important instructions regarding the same are reiterated below:


- i. Completion drawing shall be available before taking up any alteration work.
- ii. Fresh wiring should be done by wires tagged with different color tags for ease of identification of circuits & to distinguish from existing wiring. Terminal/Fuse/Relay contacts positions shall be reconfirmed before a wire is tagged / terminated.
- iii. Old wires including those getting released should be rechecked jointly by concerned work executing supervisor and maintenance supervisor from base point to tag block and tag block to tag block in relay room, control panel, location box etc. before starting of the work.
- iv. Before start of any alteration work all necessary approved drawing/plan/wiring diagrams etc. shall be available at work site as per IRSEM. For changes in

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existing wiring in relay room, guidelines issued vide JPO under ref.(iii) shall be followed.

- v. Correspondence test of each function being affected by wiring, has to be done before & after wire/cable terminations between relay room, control panel, location box & up to respective gear. Necessary guidelines issued vide JPO under ref.(iii) shall be followed prior to acceptance of reconnection by SM.
- vi. After completing the work all necessary drawing such as wiring diagrams, contact & fuse analysis sheet, terminal details etc. shall be updated for the changes, duly signed by concerned supervisors and officers with their name, designation and date. Completion drawing shall be based on the physically verified diagram and shall be provided at site at the earliest.
- vii. The permission to carry out wiring alteration in existing signalling installation shall be granted after due deliberations by competent authority.

This is for kind information and necessary action.


20.07.2023
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