EASTERN RAILWAY

Dated: 20th Oct, 2023.

No. SG.215/13/0

CE/G, CESE, CE/C-I, CSE, CCE,
Eastern Railway,
Kolkata.

Sub: JPO regarding procedure for undertaking digging work, in the vicinity of Signalling, Electrical and Telecommunication cable based on, Telecom Circular No.9/2023.

Ref: Telecom. Circular No. 09/2023, vide Rly. Bd's letter No. 2021/Tele /5(2)/3-Part(1)(3425647) dt. 12.06.2023.

JPO towards implementing board guidelines on procedure for undertaking digging work in the vicinity of Signalling, Electrical and Telecommunication cables in accordance with Rly. Board's Telecom Circular no 09/2023 is prepared and circulated for information and necessary action please.

DA: JPO .

Suravi 20/10/23

(Suravi Biswas)
Dy. Chief Signal & Telecom. Engineer/Tele/HQ,
for Principal Chief Signal & Telecom. Engineer

Copy to:

1. Secy. To GM - for appraisal of GM.
2. PCSTE, PCE, PCEE, CAO/Con,
3. DRM/HWH/SDAH/ASN/MLDT
4. CPM/Gati Shakti/HWH/SDAH/ASN/MLDT
5. CSTE/Proj & CSTE/Con., CE/Con, CEE/Con.
6. ADRM/HWH/SDAH/ASN/MLDT
7. Sr.DSTE/ Sr.DEN/Co-ord /Sr.DEE - HWH/SDAH/ASN/MLDT,
8. Director/Telecom, Rly. Board , New Delhi.

Suravi 20/10/23

(Suravi Biswas)
Dy. Chief Signal & Telecom. Engineer/Tele/HQ,
for Principal Chief Signal & Telecom. Engineer

Signature Not Verified
Digitally signed by Rajeev Ranjan
Date: 2025.06.11 16:37:42 IST
Reason: IREPS-CRIS
Location: New Delhi

EASTERN RAILWAY

S&T JPO No. - 94

***JOINT PROCEDURE ORDER FOR UNDERTAKING DIGGING WORK IN THE VICINITY OF* UNDERGROUND SIGNALING, ELECTRICAL AND TELECOMMUNICATION CABLES.**

1. i)Cable route plan must be made available on Railnet site with all details so that Engineering/Electrical/S&T official can easily identify the exact location of cable. Executing department should download the cable route plan from Railnet site.
   ii) If cable route plan is not availa. .ble on Railnet site, S&T department /Electrical department shall ensure that position of cable to be marked to the executing officials, prior to commencement of digging on request from executing department.
   iii)In case of available cable route plan is old and not matching as per site, S&T / Electrical department ensure the position of cable by physical marking to avoid damaging of cables for item ii) & iii) cross trench may be proposed by S&T/Electrical officials at an interval of 50 meters or as decided by the site officials before giving cable route marking. For cross pit manpower shall be arranged by executing department.
2. Department concern will apply for permission. Permission should be given within 3 days, if it is not obtained by 7 days, issue to be forwarded to ADRM. If SSE/Sig./SSE/Tele/SSE/Elec. confirms that there is no cable at the vicinity, shall give permission immediately. Permission may be given through Control message or any suitable means.
3. Before allowing the agency to work at the vicinity of cable, the work executing agency (like Sr.DSTE/Sr.DEN/Sr.DEE or Dy.CSTE/Dy.CEE/Dy.CE etc.) shall ensure that the permission has been granted by the division to the agency in accordance with the local instructions/JPO with the intimation to Engineering/S&T/Electrical control.
4. After ensuring that the executing agency fully understood the S&T/Electrical cable route plan, shall permit the work with authority to ensure that the safety of the cable is not in danger. The basic responsibility for safeguarding cable at the place of execution will be of the department executing the work and the agency.
5. Still any cable cut occurs, both executing officials and S&T/Electrical official jointly engage to restore the cable cut to avoid detention of train operation. Engineering/S&T/Electrical Control should monitor jointly the restoration process of cable cut as earliest as possible with extending necessary support. SSE/Sig./SSE/Tel/SSE/Elec, of the section should be alerted to attend any cable cut restoration with man and materials when digging work in progress at the vicinity of cable.

(P. S. Bhattacharyya)	(K. C. Bairwa)	(Hoti Lal Meena)	(S.K. Mandal)	(Manoj Khan)
C C E	CS E	C E S E	CE /G	CE/C-I/ER

6. In case of works being taken up by the State Government, National Highway Authority etc., Divisions shall devise mechanism for shifting the cables or for proper protection of cables before granting permission to work. However, on the date of execution, S&T/Electrical/Engineering Control should be informed.
7. Engineering/S&T/Electrical Control of Divisions shall keep all the information regarding any works being done near the track by their respective department. Engineering/S&T/Electrical Controls shall coordinate among themselves to ensure that no work is done in the vicinity of the track without proper permission. In Control the information shall be maintained related to the nature of work executing by department, name of the executing supervisor, agency and mobile no.
8. The concerned SSE/P.Way/SSE/Works/SSE/Sig/SE/Tele SSE/Electrical(TRD or G) or RailTel supervisors supervising the work of the agency shall ensure that the existing emergency sockets are not damaged due to their importance in providing communication during accident/emergency.
9. For all new works, cable shifting should be a mandatory part of DPR estimate. For ongoing works, Division may sanction works for cable/utility shifting, if necessary, through contingency/supplementary/revised estimate where provision does not exist. However, in case Division decides not to shift cables (due to any reason) then protection of cable shall be ensured by the Division during execution of the work.
10. New OFC/Quad cable shall be laid as far as possible to Railway Boundary at the extent possible. Within the Yard cable to be laid based on feasibility, discretion of site supervisors.
11. In case damage is caused to OFC/quad cable/Electrical cable during execution of work. The agency is liable to pay penalty for damaging the cable. Penalty shall not be levied in the following cases:-
    - i) The detail cable route plan not available at Railnet site or not ensure cable route by giving marking in time.
    - ii) The alignment of the cable does not tally with the information provided.
    - iii) S&T department/Electrical/RailTel shall depute their representative for marking/guarding the cables against the predetermined programme.

18.10.23 16.X.2023 18.X.23 18/10/23 18/10/23

(P. S. Bhattacharyya) CCE | (K. C. Bairwa) CS E | (Hoti Lal Meena) CESE | (S.K. Mandal) CE /G | (Manoj Khan) CE/C-I/ER

Penalty to be imposed for damages to cable shall be as under:

i) When they work without permission.

ii) Not following guidelines mention in JPO regarding procedure for - undertaking digging work, in the vicinity of Signaling, Electrical and Telecommunication cable.

Cable damaged	**Penalty per location in Rs.**
Only Quad cable or Signaling cable	1.0 Lakh
Only OFC	1.25 Lakh
Both OFC & Quad	1.5 Lakh
Electrical Cable	1.0 Lakh

12. For each cable cut, a joint report at the level of supervisors should be prepared on the same day and it should become the basis for levying penalty and fixing responsibility. Joint note should be forwarded by Sr. DSTE/Sr. DEE to the executive in-charge of the work. The executive in-charge of the work should act and decide on the cable cut case within 15 days under information to Sr. DSTE/Sr. DEE as the case may be.

    There should be provision of appeal by agency within one month of notice for levying penalty at ADRM level, decision of ADRM shall be final and binding upon all parties.

13. Railways will not lodge FIR with RPF in cases of works being executed by authorized agency of Railways who have been duly permitted to execute the works.

14. Divisions shall issue local instructions to all concerns based on the JPO for protection of cable while undertaking works in the vicinity of cable in line with this guideline. Divisions/Construction/Project/Other executing unit shall also ensure that such instructions become part of their tender document within immediate effect of the issue of the local instructions. Suitable action against erring officials shall also be incorporated in these instructions if the same is not adhered to.

18.10.23 18/X/2023 18.X.23 18/10/23 18.10.23

(P. S. Bhattacharyya) (K. C. Bairwa) (Hoti Lal Meena) (S.K. Mandal) (Manoj Khan)

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