

25 KV Energisation

**Record 1 : Details regarding provision of immunized repeating relays ,
double cutting of circuits**

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N.	Name of circuit	Details of AC immunized relay provided (Make , Style etc)	Confirmation regarding provision of double cutting (write yes)

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation:

25 KV Energisation

Record 2 : Details regarding repeating relays for Signal lighting circuits

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N.	Signal no.	Distance from the controlling relay (in m)	Repeating Relay Provided (Yes/ /NA)

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation:

25 KV Energisation

Record 3 : Details regarding Point Machine wiring.

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N.	point no.	Distance from the controlling relay (in m)	Detail of Point motor AC immunized provided	Confirmation about provision of independent detection

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

ASTE/DSTE in charge

Name:

Name :

Designation:

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

ASTE/DSTE in charge

Name:

Name :

Designation:

Designation:

Dy CSTE/RE Project Unit

Name:

Designation

25 KV Energisation

Record 4 : Details of Track circuits.

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N .	Track circuit.	Length of TC (in m)	Type of relay (QTA2 /QBAT etc.)	Type of AC immunised repeater relay (QSPA1, QNA1 etc.)	Provision of 'B' type chokes at feed end & relay end (write yes)	Provision of continuity bonds and cross bonds of S&T and Electrical both (write yes)

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation

25 KV Energisation

Record 5 : Details of Provision of earthing.

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N.	Signalling gears / Location boxes to be earthed.	Confirmation of Earthing (write Yes)	Earth resistance (in Ohms)

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation

25 KV Energisation

Record 6 : Details of provision of Signal Screening.

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N.	Signal no.	Distance of signals/fittings from live wire	Protective iron screen provided and connected to earth (Yes/NA)

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation

25 KV Energisation

Record 7 : Details of provision of insulator for rodding and wire transmission.

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N.	Function operated by the rodding /wire transmission	Confirmation about Insulation as per SEM provided (Write Yes)

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation

25 KV Energisation

Record 8 : Miscellaneous Items (Signalling).

Station :

Division :

Zone:

Section :

Group No. :

Project:

	Items	Confirmation of compliance (write complied)
1	Polarised Relay has not been used in any external circuit.	
2	Separate batteries or DC-DC converters have been provided for external and internal circuits.	
3	Separate batteries have been provided for Signalling and Telecommunication circuits.	
4	Block filters and Surge arresters have been earthed separately.	
5	Barring Block Instrument circuit no earth return circuit has been used .	
6	Block filters of approved design have been provided.	
7	Separate batteries or DC-DC converters have been provided for each Block instrument	
8	Details of AT supply a) Provision of Auto changeover b) Capacity c) Load current	
9	Any other item as per SEM or as per local procedure of Zonal Railways	

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation

25 KV Energisation

Record 9 : Miscellaneous Items (Telecommunication).

Station :

Division :

Zone:

Section :

Group No. :

Project:

	Items	Confirmation of compliance (write complied)
1	TPC phones have been provided at station and SP/ SSPs.	
2	All telephone circuits (except cabin to cabin and cabin to ASM circuit, which may be retained on signalling cable) have been shifted to underground telecommunication cable.	
3	All overhead telecom alignment have been shifted on cable as per the approved instructions.	
4	REPC clearance has been obtained.	
5	Screening of telecommunication cable has been terminated at the sectionalizing points and repeater station has been earthed in accordance with approved instructions.	
6	Emergency control telephone posts and phones have been provided at correct regular intervals along the track electrified area as per the approved instruction.	
7	The metallic cabinet cover / frames of telecommunication equipments have been earthed properly.	
8	PA System Modification has been done.	

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation:

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation

25 KV Energisation

Record 10 : Documentation.

Station :

Division :

Zone:

Section :

Group No. :

Project:

S.N.	Items	Approval/Sanction of the documents (write Yes/NA)
1	SIP, SWRD	
2	SWR	
3	Selection table (RCC), Panel Diagram, Power Supply wiring diagram	
4	Signal Structure Infringement, Sighting Committee report	
5	Relay rack arrangement diagram, CT rack termination diagrams, Fuse wiring & loopings.	
6	Cable core plan, Cable route plan, Cable meggering report.	
7	Location Diagram, Bonding diagram to suit single rail Track Circuit.	
8	Data logger contact details along with validation certificate.	
9	Circuit diagrams certifying continuity/break test and wiring. All alterations needs to be shown.	
10	Singalling Asset History register/ details.	
11	Safety Certificate, Assurance Certificate, Safety Message	
12	OEM's Commissioning report of axle counter, IPS, Data logger and EI's if any.	
13	CRS /CSTE sanction	
14	Dispensation :-	
a	As per GR. Para. 3.04 (1) Placing of Signal RHS.	
B	As per GR Para 3.40 (1) (b) Taking off of Home Signal.	
C	As per GR Para 3.07 (7) Combining of Signals.	
15	Any other document (Pl. specify)	

A. Work Executing Agency (Not applicable if work is done by CORE)

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/Project Unit

Name:

Designation

B. RE Officials

SSE in Charge

Name:

Designation:

ASTE/DSTE in charge

Name :

Designation:

Dy CSTE/RE Project Unit

Name:

Designation