

As OHE voltage is 25 KV, following precautions should be taken by staff while working on OHE.

1. No work shall be done above or with in a distance of 2 meters from the live OHE without a "Permit to Work".
2. Inductive effects occur on large metallic structures such as fencings, structural steel of platforms running parallel to the track. They will have to be earthed suitably to afford safety.
3. Each working party shall be protected by at least two independent earths, one on each side of a working party.
4. If the distance between the working parties exceeds 100 meters, intermediate earth shall be provided in such a manner as to ensure that the distance between earths does not exceed 100 meters.
5. Men shall be posted on both sides of the site of work to warn the working party of any approaching train on the same track and adjacent track.
6. For providing earth on the OHE, fix the earthing clamp securely to a mast at least one span away after making sure that the mast to earth rail bond of this mast is intact.
7. Earthing clamps should always be fixed to the traction rail or mast first and then the top clamp should be hooked to the OHE to be earthed.
8. For removing the earthing, first remove the hook on the OHE and then the clamp fixed to the rail or mast.
9. Two sections of conductors or ends of conductors which may have snapped should be separately earthed at two points after switching off supply to both parts of the OHE. This precaution should also be observed when working or in the vicinity of a sectioning point and cut in insulators.
10. Neutral sections should be treated as live equipment and earthed separately at two points on either side of the work party before commencing work.
11. When work is to be carried out on an isolator, both sides of the isolator should be earthed at two points.
12. No fallen wires shall be touched unless power is switched off and the wire suitably earthed.
13. In electrified track, steel tape or metallic tape or tape with woven metal reinforcement should not be used.
14. Ropes, come along clamps, tirfor should be tested once in a month in the presence of JE-I (TRD).
15. All the staff should wear helmets to protect their heads against any tools or equipment which may drop down accidentally.
16. Staff should protect themselves against an inadvertent fall by wearing a safety belt for supporting themselves by a rope sling.

17. Ropes used with ladders should be cotton or jute. Use of metallic ropes is prohibited. A ladder should be held by one person on the ground to prevent slipping, while the top end should be tied to the supporting structure or conductor to keep it in position and prevent it sliding away.
18. Ladders should never be allowed to fall on or rest against the contact wire.
19. More than one person shall not normally be allowed on a ladder as far as possible.
20. Climbing on a ladder with wet or slippery foot wear is forbidden.
21. A rope should be used to pass tools or any equipment to the men working on a ladder.
22. No one should stand directly below a work spot under a ladder.
23. The strength of the anchoring rope should not be less than of the cable to be anchored.
24. It is important that staff who ask for power block should know the correct method of identifying and describing any section of OHE where shutdown is required.
25. Whenever there is a doubt in the description, the person asking for power block shall state clearly the track and HE structure numbers between which work is to be done.

26. All messages relating to shut down and restoration of power supply, permits to work, etc. issued over the telephone shall invariably be supported by exchange of private numbers and repeated twice.
27. Do not tie the rope on rail without taking traffic block.
28. It is necessary to take traffic block while working on tunnel or bridge.

*pWl vls, p-bZdk oWVt 25 fd- oWV glrk gS/ LVkQ dls vls
, p-bZij dk Zdjrs l e; fuEu fyf[kr l lo/Wfu; Wj/kuh plg; A*

*1- fcuk“ ijfeV VwodZ ds ykbo vls, p bZl snks elWj ; k ml ls
de njh ij jgdj dkhZdk Zu djA*

*2- cMs/WkqZplt kt S s Qs l x/ ly VQkeZ ds /WkqZLVdpj t ls Vd
ds l ekukrj yxsghrs gS vkn esb. MDVo izHo i sk glrk gS
vr%l g{kk ds fy; sb l g vFlZ dj nsk plg; A*

*3- iZ xl dk Zy dls dk ZFhy ds nkuh vly de ls de nks
vyx&vyx vFlZ} jk l g{kr fd; k t kuk plg; sA*

*4 ; fn nks dk Zyl ds clp dh njh 100 eh ls T; knk gS rks, d
vFlZe/; esb l izlj yxk; sfd nks vFlZ ds clp dh njh 100
elWj ls T; knk u glA*

- 5- *dk ZLEfy ds nksla vly Q fDr; la dls rslr fd; k t kuk plg; s t ls dk Zyls dls ml Vxl ij ; k cxy ds Vxl ij vks okyh xkMf la dh prlouh ns l dA*
- 6- *vls , p- bZdh vfflk ds fy; s dk ZLEfy l s de l s de , d Lik dh nyh ij [kcsij vfflk Dyf dls vPNh rjg l syxk ns o l qul'pr dj yaf d ml [kcs l s jy rd dk clMM Bld rjg l syxk glA*
- 7- *vfflk Dyf dls geslk igys Vd'ku jy ; k [kcsij dl ao fQj mijh Dyf dls vffldh t kus okyh vls , p- bZij Vlx na*
- 8- *vfflk dls gVks le; igys vls , p- bZij Vax mijh Dyf dls gVks ao fQj jy ; k [kcsij yxs Dyf dls [kysA*
- 9- *rlj ds nks Hxla; k Vws gq s rlyla ds nksla fljla dls nksla vly dh l lykbZcan djus ds cln vyx&vyx LEkula ij nks txg vffld dja ; g l ko/Muh l D'kuax l o bV&bu bU qVj ij ; k ml ds ikl dk Zds nksku Hh cjrul plg; A*
- 10- *U; WY l D'ku dls ykbo mi dj. la dh rjg ekuk t kuk plg; s rFlk dk Z vlyak djus l s i vZ dk Zy ds nksla vly nks vyx&vyx txglaj vffld dja*

- 11- *t c fdl h vbl lyVj ij dk Zdjuk gls rls vbl lyVj ds nksla fljla dks nks LEkula ij vffld dja*
- 12- *fdl h Hh Vws gq s rlyla dls rc rd u Nq a t c rd fd ikoj l lykbZcan djds rlyla dls Bld rjg l s vffldu dj fn; k x; k glA*
- 13- *fo/qtr Vxl ij LVly ; k /Mrq ds rFlk eVY jhe bU dLZV okys Vi la dks iz lx u dja*
- 14- *jfll; la de& ylx&Dyaf VjQj dls ts bZ Wh vly Mf dh mi fflk eade l s de elg ea, d oij vo'; pfl dja*
- 15- *l Hh deZkj; la dls nqWuko'k mij l s fxjus okyh oLrq la o mi dj. k l leku vkn l s cpus graqflj ij gyeV iguuk plg; A*
- 16- *LVld dls Lo; a dls Hyol ulps fxjus l s jklus ds fy; s l qllk cV iguuk plg; s rld mlgajhi flyx dk l glyk fey l dA*
- 17- *l k-h ds l flk ea mi; lx dh t kus okyh jll h clWu ; k Th dh cuh gluk plg; A /Mrq dh jfllk la dks iz lx euk gA fQl yus l s jklus ds fy; s, d Q fDr jlyk telu ij l k-h dls vPNh rjg i dMajguk plg; s t c fd mijh fljs dls l i kVx LVdpj ; k rly l s clak yauk plg; s rld mij l snk Wook au flkl dA*
- 18- *l k-h dls dHh Hh dKVDV okj ij u fxjus na vly u gh ml ij fVdk; aA*

19- t g l w r d l h o g h l k e l r % , d l s T ; k n k Q f d k l k h i j u
p < A

20- x l y s ; k f p d u s t w h d k i g u d j l k h i j u p < A

21- l k h i j d k Z d j j g s Q f d r r d m i d j . k ; k d k Z l k e l u
i g w l u s g r q j L l h d k m i ; k x d j A

22- l k h i j d k Z d s n l f k u f d l h H h Q f d r d k d k Z p y j g s L F k u
d s B l d u l p s / M k u g h g h u k p l g ; A

23- , a l f j a k j k i d h r k d r , a l f j a f d ; s t k u s o k y s r l j l s d e u g h
g l a h p l g ; A

24- t k L V A Q i k o j G y k d d h e k d j s m l d s f y ; s t : j h g S f d m l s
v k s , p- b Z d s m l l D ' k u d h i g p k u o f o o j . k d h l g h
t k u d j h g l a h p l g ; s t g l w k V M m u d h t : j r g S A

25- t g l w L F k u f o o j . k e a ' k a k g l s r k i k o j G y k d e l w u s o k y s Q f d r
d k d k Z f d ; s t k u s o k y s V d o m u n k u l a / k e k d s u E j L i " V
: I k l s c r k u s p l g ; s f t u d s c l p d k Z f d ; k t k u k g A

26- ' k V M m u , o a i k o j l l y k b Z d k p l y w d j k u l i j f e V V w o d Z v k i n
l s l a s ' k r V y k Q k u i j f n ; s t k u s o k y s l H h l a s ' k a d k Q f d r x r
u E j d s l k k v k n u & i z n u d j a r F k b l s n k o j n g j k ; A

27- V d Q d G y k d f y ; s f c u k j L l h d k j y l s u c h w A

28- V u y o i g l a i j d k Z d j r s l e ; V d Q d G y k d v o ' ; y A



Hijr l j d h (GOVERNMENT OF INDIA)
j y e a l y ; (MINISTRY OF RAILWAYS)

d k H ; k u m i ; k x g r y
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" v k s , p- b Z i j d k Z d j r s l e ;
/ ; k u j / k u s o k y h l k o / k u ; k w

**SAFETY PRECAUTIONS TO BE TAKEN
WHILE WORKING ON OHE**

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