

# CABLING INSTALLATIONS (EXTERNAL ROOF WORK)



## METHODOLOGY

- When arriving at site ensure works vehicle is parked in a designated parking space and vehicle secured / locked when unattended
- Sites must be set up in a manner that permits safe passage of members of public using correct signage and barriers
- A full pre-climb checks of vertical access ladder and fall protection equipment must be carried out to ensure equipment is in good condition and suitably secured
- Before accessing site ensure a Notice of intent / Permits have been approved
- Ensure that you have correctly donned your fall protection equipment including Hard hat with chin strap, full body harness and double lanyard, if there is someone with you, get them to check your harness to ensure none of the straps are twisted. Double attachment via lanyard is mandatory
- A dynamic risk assessment must be completed prior to commencing works, this should be done via the Telecoms Division Risk Assessment App
- All tools / equipment and materials must be transported to the roof top in a safe manner taking TILE (Task, Individual, Load, Environment) in to consideration. If loads exceed 25kg mechanical means for lifting must be sourced
- Access / egress must be free from obstruction and maintained at all times
- Prior to commencing works on rooftop RF sweep must be completed to ensure RF exclusion zones are not breached. If RF monitor alarms, stop works, and follow reporting process
- Where works are within 2m of an unprotected edge, suitable means of attachment / work restraint must be arranged
- Where it is foreseeable that tools / equipment and or materials can fall freely (within 2 meters of any edge), tool tethering must be adopted
- Where existing cable trays cannot be utilised, new cable tray must be installed as per installation spec
- Cable must be fixed / secured to trays as per installation spec
- On completion of works, all waste, plant / tools / equipment and materials must be removed from site
- All access doors to rooftop areas must be locked on exit

**Please Note:** Persons engaged in works must be rooftop trained, including RF awareness and first aid training



## HAZARD IDENTIFICATION

- Working at Height
- Falling Object
- Pedestrians in drop zones / danger zones
- Radio-frequency (non-ionising radiation)
- Fauna – nesting birds
- Inclement weather



## PLANT, EQUIPMENT, MATERIALS

- Gate Guards, Barriers, Signs, Cones
- RF Monitor (client approved)
- Tool tethers for handheld tools
- Cable drums / Cable trays and associated tools



## EMERGENCY ARRANGEMENTS

- Ensure you are familiar with the on-site emergency arrangements. Refer to site emergency plan if available
- Fire Extinguisher and first aid provisions must be readily available
- In the event of a fall from vertical ladder, Self-rescue techniques will be adopted as per training



## PPE REQUIREMENTS

*PPE items shown below must be available and worn wear necessary during this task.*

- Hard hat with chinstrap
- Hivis
- Gloves
- Glasses
- Safety boots
- Full body harness with double lanyard
- Hearing protection
- FFP3 Dust Mask



## COSHh

- Bird Dropping (Histoplasmosis)



## ENVIRONMENTAL

- Potential of nesting birds needs to be considered at all times
- Ensure good housekeeping is maintained at all times
- Spill kits must be available with all vehicles / Plant