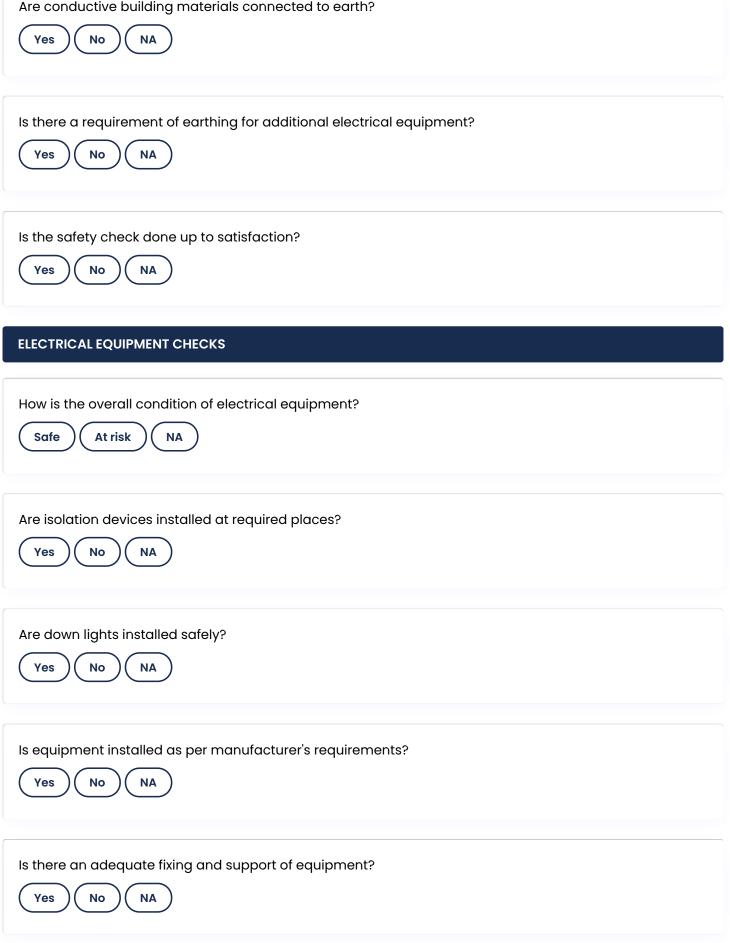
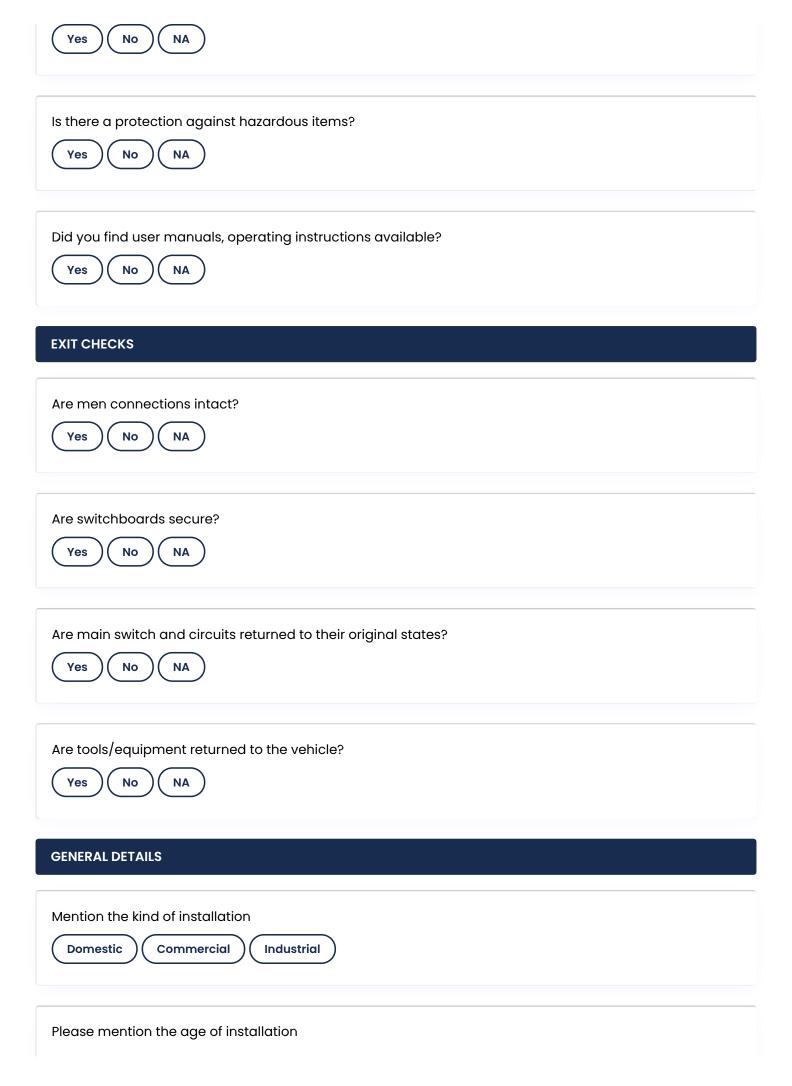
## **Electrical Safety Check**

AUDIT VERIFICATION
Electrician's Name
Signature
EARTHING SYSTEM
Is earth electrode installed and is the sign fixed to main earthing conductor?
Is identification of earthing conductors easy and safe?
Is earthing secured near Pool fences, water piping, slab reinforcing wet areas?
Is there an adequate connection, joints and terminations?
Is earthing secured against external influences?

Are conductive building materials connected to earth?



For the operating environment, is the equipment appropriate?



1-5 years 6-10 years 11-15 years 16-20 years 21-25 years 25+ years
Is there any evidence of modifications?
If yes, please mention the age. 0-5 years 6-10 years 11-15 years 16-20 years 21-25 years NA
Is is easy to identify cable cores?
Are current carrying capacity up to the standards?
Is there any Voltage Drop?
Is the condition of Aerial installation safe?
Is connection of wiring properly installed and secured?
SWITCHBOARDS
Is the location of switchboard in secured place?

Is there a basic protection against contact with live parts such as insulations?
Is there switch board area protected against spread of fire?
Are protection devices appropriately installed and suitably rated for over-current protection?
Are connecting devices properly installed and safe?
Is fixing of wiring and switchgear secured?
Is identification and labelling of electrical equipment secured?
Are switchboards protected against external damages/uv lights?
Is there isolation of devices e.g. main switches?
Are switchboards protected against faulty supply/overcurrent?

Are RCD's safely installed on applicable circuits? Yes No NA WIRING SYSTEM CHECKS Is conductor size safe, appropriate and with appropriate capacity? Yes No NA Is identification of cable cores secured ? Yes No NA Is wiring system properly supported and are fixings safe? Yes No NA Are there proper connections and enclosures? Also, are cables suitably terminated? Yes No NA Does wiring system has clearance from structures, vegetation and ground? Yes No NA Is wiring system separated from other services like Gas, water, solar? No NA Yes Is wiring system secured against external influences? Yes No NA

Is installation of cables in accessible areas of the ceiling space?

