

Electrical Safety Check

Construction

AUDIT VERIFICATION

Electrician's Name

Signature

SIGNATURE

EARTHING SYSTEM

Is earth electrode installed and is the sign fixed to main earthing conductor?

Yes

No

NA

Is identification of earthing conductors easy and safe?

Yes

No

NA

Is earthing secured near Pool fences, water piping, slab reinforcing wet areas?

Yes

No

NA

Is there an adequate connection, joints and terminations?

Yes

No

NA

Is earthing secured against external influences?

Yes

No

NA

Are conductive building materials connected to earth?

Yes

No

NA

Is there a requirement of earthing for additional electrical equipment?

Yes

No

NA

Is the safety check done up to satisfaction?

Yes

No

NA

ELECTRICAL EQUIPMENT CHECKS

How is the overall condition of electrical equipment?

Safe

At risk

NA

Are isolation devices installed at required places?

Yes

No

NA

Are down lights installed safely?

Yes

No

NA

Is equipment installed as per manufacturer's requirements?

Yes

No

NA

Is there an adequate fixing and support of equipment?

Yes

No

NA

For the operating environment, is the equipment appropriate?

☐ Yes☐ No☐ NA

Is there a protection against hazardous items?

☐ Yes☐ No☐ NA

Did you find user manuals, operating instructions available?

☐ Yes☐ No☐ NA

EXIT CHECKS

Are men connections intact?

☐ Yes☐ No☐ NA

Are switchboards secure?

☐ Yes☐ No☐ NA

Are main switch and circuits returned to their original states?

☐ Yes☐ No☐ NA

Are tools/equipment returned to the vehicle?

☐ Yes☐ No☐ NA

GENERAL DETAILS

Mention the kind of installation

☐ Domestic☐ Commercial☐ Industrial

Please mention the age of installation

☐ 1-5 years☐ 6-10 years☐ 11-15 years☐ 16-20 years☐ 21-25 years☐ 25+ years

Is there any evidence of modifications?

☐ Yes☐ No☐ NA

If yes, please mention the age.

☐ 0-5 years☐ 6-10 years☐ 11-15 years☐ 16-20 years☐ 21-25 years☐ NA

Is it easy to identify cable cores?

☐ Yes☐ No☐ NA

Are current carrying capacity up to the standards?

☐ Yes☐ No☐ NA

Is there any Voltage Drop?

☐ Yes☐ No☐ NA

Is the condition of Aerial installation safe?

☐ Yes☐ No☐ NA

Is connection of wiring properly installed and secured?

☐ Yes☐ No☐ NA

SWITCHBOARDS

Is the location of switchboard in secured place?

☐ Yes☐ No☐ NA

Is there a basic protection against contact with live parts such as insulations?

Yes

No

NA

Is there switch board area protected against spread of fire?

Yes

No

NA

Are protection devices appropriately installed and suitably rated for over-current protection?

Yes

No

NA

Are connecting devices properly installed and safe?

Yes

No

NA

Is fixing of wiring and switchgear secured?

Yes

No

NA

Is identification and labelling of electrical equipment secured?

Yes

No

NA

Are switchboards protected against external damages/uv lights?

Yes

No

NA

Is there isolation of devices e.g. main switches?

Yes

No

NA

Are switchboards protected against faulty supply/overcurrent?

Yes

No

NA

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?

Yes

No

NA

Is wiring system secured against external influences?

Yes

No

NA

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

Yes

No

NA