



Electrical Installation Safety Services



NSM Technologies Pvt.Ltd. is Located in Nashik, Maharashtra, India.

We have been providing electrical installation safety services since 2015 to all types industries, Substations, commercial complexes, hospitals, hotels & many more.....

We have our own PAN INDIA dealer and sales network for Electrical installation safety services & test & measuring instrument sales.

All electrical safety testing is performed with electrical testing instruments of reputed brand and as per relevant universal standards.

In order to achieve high reliability and performance of equipment & to manage the overall assets through lifetime safety performance of electrical system is important.



Industry



Substations



Commercial Complex



Hospitals



Hotels



Electrical Vehicle



Switchboard testing



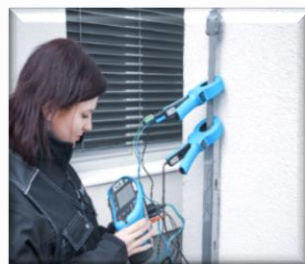
Hospital Equipment's



Medical instruments



Electric Panels testing



Earth testing



Power Quality Testing

Following Electrical instruments are used for testing.

EARTH TESTER

INSULATION TESTER

LINE_LOOP RCD TESTER / MFT

POWER QUALITY ANALYSER

ELECTRICAL SAFETY TESTER
PAT/MACHINE/SWITCHBOARD

MICRO OHM METER

TOWER FOOTING RESISTANCE
TESTER

STEP & TOUCH POTENTIAL
TESTER

GROUND INTERGRITY TESTER

URNS RATIO METER

ELECTRICAL VEHICLE CHARGING
STATION TESTER

MULTIMETER/CLAMPMETER

A periodic electrical safety inspection discloses

Uncover potential fire hazards and electric shock risks
Determine any faulty or inferior quality electrical work
Reveal problems or absence of appropriate grounding system in your premise
Identify old or outdated wiring. Spot appliances that are operating erratically

Electrical safety

Electricity can kill or severely injure people and cause damage to property. However, employers can take simple precautions when working with or near electricity and electrical equipment to significantly reduce the risk of injury to themselves, their workers and others around them.

What are the hazards?

The main hazards of working with electricity are:
Electric shock and burns from contact with live parts.
Injury from exposure to arcing, fire from faulty electrical equipment or installations.

What should employers do?

They must ensure an assessment has been made of any electrical hazards to avoid accidents & failure of system or equipment's.
Employers must make sure that the electrical installation and the electrical equipment is working well.

Maintenance

So far as reasonably practicable employers must make sure that electrical equipment and installations are maintained to prevent danger.

Users of electrical equipment, including portable appliances, should carry out visual checks. Employers and workers must remove the equipment from use immediately and check it, repair it or replace it if:

It is good practice if employers arrange for more frequent checks for items more likely to become damaged (e.g. portable electrical tools and equipment that is regularly moved, or used frequently or in arduous environments).
Employers must consider whether electrical equipment, including portable appliances, should be more formally inspected or tested by a competent person thinking also about the intervals at which this should be done.

We offer following on site testing & verification services.

Earth Resistance Testing

Winding / Micro ohm
resistance testing

Portable Appliance Electrical
Safety Testing

Insulation Resistance Testing

CT & PT turns ratio testing

Electrical Machines Electrical
Safety Testing

Line, Loop & RCD/ELCB Testing

Medical / Hospital equipment
electrical safety testing

Switchboard Electrical Safety
Testing

Phase sequence, continuity
testing

Step, touch potential
testing at substations

Ground integrity testing at
substations

Current, voltage, frequency,
leakage current testing

Transmission line Tower
Footing Resistance testing.

Bunch of Cable
identification

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