



PS Wing, CEA,
New Delhi

**QUALITY SYSTEM QUALITY PLAN
(IS/ISO 9001 : 2008 Clause 8.2.3)**

**Title: Quality Plan for Statutory Inspections of
Electrical Installations under Regulations 43 &
32 of Central Electricity Authority (Measures
relating to Safety and Electric Supply)
Regulations, 2010**

Doc. No.: PS/EI/QP/O1
Issue No.: 03
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Prepared by:
C.E. (EI)

Approved by: Member
(PS)

Issued by :
Nodal Officer

**Application for Statutory Inspection of the Electrical Installations under
Regulations 43 & 32 of Central Electricity Authority (Measures relating to Safety
and Electric Supply) Regulations, 2010 for Approval of the Electrical Inspector for
Energization.**

**Application Format For The Electrical Installations (other than Overhead Transmission Lines)
(Form-A)**

(can be downloaded from official Website: www.cea.nic.in of Central Electricity Authority)

Note: Please read the Instructions prior to filling the Form.

RIO: New Delhi/ Mumbai/ Chennai/ Kolkata / Shillong
(Please write the relevant as per area of jurisdiction) :

1. Name of Installation (s) :
(type and brief detail) :
2. Applicant :
(a) Name of Owner of Organization & Address :

(b) Name and Address of Concerned Officer :
(including Phone/Mobile/e-mail/Fax) :
3. Fault Level (Short Circuit) of installation :
4. Interrupting Capacity of Circuit Breaker (s) :
5. Minimum ground clearance of the bare conductor :
6. Whether all the relevant provisions of the Central Electricity
Authority (Measures relating to Safety and Electric Supply)
Regulations, 2010 have been duly complied with? : Yes/NO



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7. Whether the installation (s) are placed in position, properly Jointed, duly completed and is (are) ready for energisation :
- i. If, Yes – attach Completion Certificate and indicate the date(s) of installation to be inspected :
- ii. If, No- indicate Targeted date of completion and probable date(s) of installation to be inspected :

8. Enclosures:

(Please tick the relevant block, if applicable and enclosed)

- (a) Drawings showing the location, layout, elevation and section :
- (b) Single Line Diagram with metering & protection :
- (c) List of Equipment offered for inspection (name, make , Sl. No, MW/ kW, kVA, quantity) :
- (e) List of Protection Schemes for each of the following apparatus
- (i) Transformers :
- (ii) Motors :
- (iii) Bus bars :
- (iv) Generators :
- (v) Reactors :
- (vi) Power Cables :
- (vii) Others :
- (f) Drawing of Earthing of Electrodes/ Mats :



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- (g) Site Test results (Equipment wise)
- (i) Insulation Resistance test :
 - (ii) Earth Resistance of individual electrodes,
combined electrodes and earth mat :
 - (iii) High Voltage test :
 - (iv) Polarity test :
 - (v) Primary injection test :
 - (vi) Secondary injection and protection trip test :
 - (vii) Relay calibration test :
 - (viii) Annunciation test :
 - (ix) Function, sequence and interlock test :
 - (x) Dielectric test (BDV) of Oil :
 - (xi) OCC/SCC tests of Generator :
 - (xii) Excitation System and AVR tests :
 - (xiii) Protection Stability and Direction test :
 - (xiv) Voltage Ratio and Vector group test :
- (i) Manufacturer's Routine Test Certificate for
each equipment and cables
- (j) Copy of;
- (i) Contractor's License :
 - (ii) Certificate of Competency of Electrical Supervisor. :
 - (iii) In case the work sublet to another contractor (i) & (ii) :
for subcontractor to be submitted

Signature of Owner / In-charge of installation.....

Designation & Seal.....

Date.....

Note: One copy of the Application form for inspection of installations up to 220 kV shall be accompanied with list of equipments to be inspected, Copy of Electrical Contractor's License and Supervisor's Competency Certificate/Permit issued by Licensing Board and Work Completion Certificate (other enclosures not required) and the installations above 220 kV with all the enclosures shall be submitted to the Chief Electrical Inspector to the Govt. of India, Central Electricity Authority, Electrical Inspectorate Division, 6th Floor, Sewa Bhawan, R.K. Puram, New Delhi-110066.