

GOVERNMENT OF MEGHALAYA
INSPECTORATE OF ELECTRICITY :: SHILLONG
APPLICATION FOR COMMISSIONING APPROVAL OF ELECTRICITY GENERATING UNITS

For Generating Units which is required to be inspected by an Electrical Inspectorate of Electricity Meghalaya as required under Regulation 32 of the Central Electricity Authority Measures relating to Safety & Electric Supply Regulation 2010.

1. Details of the Applicant :
 - 1.1 Name of the Firm :
 - 1.2 Manager/ Executive or Officer-in-charge :
 - 1.3 Full Postal Address & Phone No. :
2. Location of the D.G sets with full postal Address. :
3. Whether supply from the Supplier Licensee is available :
 - 3.1 Total connected Load :
 - 3.2 Name of Suppliers :
 - 3.3 Total proposed Load to be supplied from the D.G sets :
 - 3.4 Details of interlock/ change Over arrangement provided to prevent accidental paralleling of D.G sets to the Supply system. :
4. Detail of Load proposed to be supplied from D.G sets :
 - 4.1 Motor (AC) :
 - 4.2 Light and Fans :
 - 4.3 Other(to be specified) :
5. Details of Load proposed to be supplied from D.G sets :
 - 5.1 Single Line electrical diagram of the installation :
 - 5.2 Physical layout drawing :
 - 5.3 Earthing arrangement drawing :
6. Indicate if the generators (in case more than one will be installed)will run in parallel or isolated mode :
7. 1.1 Expected date of starting the installation work :
 - 1.2 Expected date of Completion of work :
 - 1.3 Expected date of Commissioning :
8. Name of the Contractor who will carry out the internal electrification :
9. Name of the person of the person who will be authorized to operate the D.G sets :
10. Detail of Payment of Inspection fees paid by the Treasury Challan :

Signatures of the owner/Officer-In-Charge,
With Seal:-

1. Details of Generator(s):

| Sl. No. | Capacity (KW/ KVA) | Power factor | Rated Voltage In Volts | Make and Serial Number | | Insulation Test of Alternator |
|---------|--------------------|--------------|------------------------|------------------------|--------|-------------------------------|
| | | | | Alternator | Engine | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |

Manufacturer's test reports on engine/ turbine, alternator and silent DG to be enclosed and submitted along with the application.

2. Details of earthing (Rule 41) the particulars are required in respect of item 12 of the main proforma.

The general condition of soil at the time of taking the reading should be mentioned in remarks.

| Sl. No | Type/ size installation of equipment capacity in kw/ kva | Size & materials of earthing Conductor | No. of independent conductor path | Type & size electrode & length/ dia | Impedance of the systems in ohm | Total impedance of the systems in ohm | Type of lightning Arrestor/ Conductor |
|--------|--|--|-----------------------------------|-------------------------------------|---------------------------------|---------------------------------------|---------------------------------------|
| 1 | Alternator Body | | | | | | |
| 2 | Alternator Neutral | | | | | | |
| 3 | Alternator Control Panel | | | | | | |

Earth Testor No:....

Make :....

Range :...

Megger No :...

Range :....

Make :...

Signature of Electrical Supervisors (Seal).....

Signature of Electrical Contractor (Seal).....

Signature of Owner: