**Form I**

**Inspection Report**

(Under Rule 46 of the Indian Electricity Rules, 1956) Low Voltage Installation of Consumer

Report No…………………… Date of Inspection…………..

Challan No………………….. Dated……………..

Inspection Fee Rs…………… Date of Last inspection……………

1. Consumer No

2. Voltage and system of supply:

(i) Volts………………………….

(ii) No. of Phases…………………

(iii) AC/DC……………………….

3. Type of wiring**\*** …………………….

4. Name of the consumer/owner……………………

5. Address of the consumer/owner…………….

6. Location of the premises………………………..

7. Particulars of the installations:……………………………

I. Leakage on premises: Number ……Connected Load in KW

(1) Light Points……………………….

(2) Fan Points…………………

(3) Plug Points…………………

II. Other equipments (complete details to be furnished):

(1)……………

(2)……………

Total Connected load in KW

Maximum current demand in Amps…………………………..

(on the basis of total connected load)

III. Generators (in the case of consumer himself generating energy):

(1)…………………………….

(2)…………………………….

8. General condition of the installation:

*\* Here state casing capping, lead covered of teak wood batten, concealed, conduit, Tough, Rubber Sheathed and such other types.*

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|  Rule of the Indian Electricity Rules, 1956 | Requirement | Report |
| 1 | 2 | 3 |
| 29. (i) Is/Are there any sign(s) of overloading in respect of any apparatus wiring? |
| (ii) Condition of flexible cords, sockets, switches, plug-pins, cut-outs and lamp holders and such other fittings. |
| (iii) General condition of wiring. |
| (iv) State if any unauthorised temporary installation exists. |
| (v) State if sockets are controlled by individual switches. |
| (vi) Any other defect or condition which may be a source of danger. |
| 30. Give report on condition of service lines, cables, wires, apparatus and such other fittings placed by the supplier/owner of the premises. |
| 31. Has the supplier provided suitable cut-outs within consumer’s premises, within enclosed fire proof receptacle? |
| 32. (i) State if switches are provided on live conductors. |
| (ii) State if indication of a permanent nature is provided as per this rule so as to distinguish neutral conductor from the live conductor. |
| (iii) Whether a direct line is provided on the neutral in the case of single phase double pole iron clad switches instead of fuse? |
| 33. (i) State if earthed terminal is provided by the supplier. |
| (ii) Have three pin plugs been provided for plug points? |
| (iii) Report on the efficiency of the earthing arrangement. |
| 49. Leakage on premises:State insulation resistance between conductors and earth in megaohms. |
| 50. (i) State if linked switches of requisite capacity are provided near the point of commencement of supply |
| (ii) State if the wiring is divided in suitable number of circuits and each such circuit is protected by suitable cut-out. |
| (iii) State if supply to each motor or apparatus is controlled by suitable linked switch. |
| (iv) Has it been ensured that no live part is so accessible as to cause danger? |
| 61. (i) Have the frame of every generator, stationary motor and so far as practicable portable motor and the metallic parts (not intended as conductors) of all other apparatus used for regulating**\*\*** or controlling energy been earthed by two separate and distinct connections with earth?  |
| (ii) Is the earth wire free from any mechanical damage? |
| (iii) In the case of conduit/lead covered wiring, has the conduit or lead cover been efficiently earthed? |
| (iv) If the consumer has him own earth-electrode, state if it is properly executed and has been tested with satisfactory results. |
| Overhead lines:  |
| 74. (i) State if the consumer has any overhead line and if so their condition with TO  specific reference to relevant rule. |
| 93. (ii) Is there any other overhead line near the premises of the consumer which does not comply with rule 79 or 80? |
| (iii) Is guarding provided for overhead lines, if it is inside the factory, for road crossings and busy localities? |
| (iv)Any other remarks. |
| Inspecting Officer’s SignatureName………………………Designation………………..File No……………………Dated:…………….Copy for-warded to the Electrical Inspector for……... in accordance with rule 46(l)(b) of the Indian Electricity Rules, 1956. Signature…………… Name……………. |

*\*\*Not applicable to isolated wall tubes or to brackets, electroliers, switches, ceiling fans and such other fittings (other than portable hand lamps and transportable apparatus) unless provided with earth terminal.*