

HIMACHAL PRADESH ELECTRICAL INSPECTORATE

FORM- A

**APPLICATION FOR APPROVAL TO ENERGISE ELECTRICAL INSTALLATIONS OTHER THAN TRANSMISSION LINES
(UNDER REGULATION, 32, 36 & 43 OF CEA REGULATIONS, 2010)**

1. Name of Regional office of Inspectorate _____
2. Name of HPSEBL Division _____
3. Name of HPSEBL Sub -Division _____
4. Name of Installation _____
5. Capacity _____ Voltage Ratio _____ Connected Load(if any) _____ Attach details
6. Inspection fee Rs. _____ Challan No. _____ Date _____
7. Date of Application _____ (At least one month before the Proposed date of energisation)
8. Proposed date of energisation _____

Sr. No.	Regulation No.	Requirements	Report of owner / supplier
1.	Regulation-18	Whether "Danger Notice" in Hindi / English and the local language of the district and of a design as per relevant Indian Standard is affixed permanently in conspicuous position?	Yes/No
2.	Regulation-19	(i) Whether the practice of working on live lines and apparatus is adopted? If so, have the safety measure been adopted as per Schedule-III?	Yes/No
		(ii) Whether insulating floor or mats conforming to IS- 15652:2006 have been provided?	Yes/No
		(iii) Whether identification of panel has been provided on the front and the rear of the panel?	Yes/No
3.	Regulation-21	Whether flexible cables used for portable or transportable equipment covered under the Regulation, are heavily insulated and adequately protected from mechanical injury?	Yes/No
4.	Regulation-24	Whether the circuits or apparatus intended for operating at different voltage(s) are distinguishable by means of indication(s) of permanent nature?.	Yes/No

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5.	Regulation-26	Whether all circuits and apparatus are so arranged that there is no danger of any part(s) becoming accidentally charged to any voltage beyond the limits of voltage for which it is/they are intended?	Yes/No
6.	Regulation-27	(i) In the case of generating stations and enclosed sub stations , whether fire-buckets filled with clean dry sand have been conspicuously marked and kept in convenient situations in addition to fire-extinguishers suitable for dealing with electric fires?	Yes/No
		(ii) Whether First Aid Boxes or cupboards conspicuously marked and properly equipped are provided and maintained?	Yes/No
		(iii) Is adequate staff trained in First Aid Treatment and fire fighting are engaged?	Yes/No
7.	Regulation-28	(i) Whether instructions in English or Hindi and the local language of the district and where Hindi is the local language, in English and Hindi, for the resuscitation of persons suffering from electric shock have been affixed in a “conspicuous place”?	Yes/No
		(ii) Are the designated persons able to apply instructions for resuscitation of persons suffering from electric shock?	Yes/No
8.	Regulation-35	(i) Whether a suitable linked switch, or circuit breaker, or emergency tripping device is placed near the point of commencement of supply so as to be readily accessible and capable of being easily operated to completely isolate the supply?	Yes/No
		(ii) Whether suitable linked switch or a circuit breaker to carry and break the full load current on the secondary side of a transformer?	Yes/No
		(iii) Whether every distinct circuit is protected against excess electricity by means of a suitable circuit breaker or cutout?	Yes/No
		(iv) Whether linked switch or circuit breaker or emergency tripping device is provided near the motor or other apparatus at voltage exceeding 650V but not exceeding 33KV for controlling supply to the motor or apparatus?	Yes/No
		(v) Whether adequate precautions are taken to ensure that no live parts are so exposed as to cause danger?	Yes/No
9.	Regulation-37	(i) Whether clear space of 100cm is provided in front of the main switchboard?	Yes/No
		(ii) Whether the space behind the switchboard exceeds 75cm in width or is less than 20cm?	Yes/No
		(iii) In case the clear space behind the switchboard exceeds 75cm. State whether a passage way from either end of the switchboard to a height of 1.80 meters is provided?	Yes/No

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10.	Regulation-41	(i) Has the neutral point at the transformer and generator been earthed by two separate and distinct connections with earth?	Yes/No
		(ii) 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 transformers and any other apparatus used for regulating or controlling electricity and all electricity consuming apparatus at voltage exceeding 250 Volts but not exceeding 650 volts been earthed by two separate and distinct connections with earth?	Yes/No
		(iii) Have the metal casings or metallic coverings containing or protecting any electric supply line or apparatus been properly earthed and so joined and connected across all junction boxes as to make good mechanical and electrical connection?	Yes/No
		(iv) Whether earthing has been properly executed and has been tested. If yes, give value of earth resistance	_____ohms
		(v) Is the earth wire free from any mechanical damage?	Yes/No
11.	Regulation-44 (1)	(i) Whether all conductors and apparatus including live parts thereof are inaccessible?	Yes/No
		(ii) Whether all windings of motors or other apparatus are suitably protected?	Yes/No
		(iii) State in case of transformers or reactors or switches or static condensers involving the use of more than 2,000 litres of oil in one chamber, if suitable oil soak pits are provided?	Yes/No
		(iv) Where 9,000 litres or more of oil is used in any one oil tank, has provision, been made for draining away or removal of oil which may leak or escape from such tank(s)?	Yes/No
		(v) Whether trenches inside sub-station containing cables are filled with non-inflammable material or completely covered with non-inflammable slabs?	Yes/No
		(vi) Are conductors and apparatus so arranged that they may be made dead in sections for carrying out work thereon?	Yes/No
12.	Regulation-44 (2)	(iii) Have the minimum safety working clearances specified in Schedule VII been maintained for the bare conductor or live parts of any apparatus in outdoor sub station ?	Yes/No
13.	Regulation-48	(i) Have the frames of every generator, stationary motor, and so far as practicable portable motor and metallic parts not intended as conductors of all transformers and any other apparatus used for regulating or controlling electricity and all electricity consuming apparatus at voltage exceeding 650V but not exceeding 33kv been earthed by two separate and distinct connections with earth?	Yes/No
		(ii) Is the earth strip /wire free from any mechanical damage?	Yes/No

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		(iii) Has the neutral point at the transformer and generator been earthed by two separate and distinct connections with earth?	Yes/No
		(iv) Have the metal casings or metallic coverings containing or protecting any electric supply line or apparatus been properly earthed and so joined and connected across all junction boxes as to make good mechanical and electrical connections throughout their whole length?	Yes/No
		(v) Whether earthing has been properly executed and has been tested. If yes, give value of earth resistance.	_____ohms
14.	Regulation-49	Is the outdoor (except pole type) sub-station efficiently protected by fencing not less than 1.8 mts. in height?	Yes/No
15.	Regulation-50	(i) Where platform type construction is used for pole type sub-station, has sufficient space for a man to stand on the platform been provided?	Yes/No
		(ii) Has hand-rail been provided and connected with earth (if metallic and if sub-station has not been erected on wooden supports and wooden platform)?	Yes/No
16.	Regulation-51	Has suitable provision been made for immediate and automatic or manual discharge of every static condenser on disconnection of supply?	Yes/No
17.	Whether fire fighting system provided for the station? If yes, mention the type of protection provided.		

Enclosures:

- 1) List of equipment mention the data: (Name, Make, Sr. No., MW/KW, KVA, Quantity).
- 2) Single line diagram with metering & protection.
- 3) Drawing showing the location, layout, elevation and section.
- 4) Drawing of earthing with Electrodes/Mats.
- 5) Manufacturer's test certificate for each equipment.
- 6) Insulation test results and earth resistance of individual, combined electrodes and earth mat.
- 7) Details of electrical Contractor and Supervisor (enclose copy).
- 8) Copy of treasury challan receipt.
- 9) Copy of NOC from supplier in case of D.G. set to be commissioned as standby source of supply.

Signature of inspecting
Officer with seal

Signature of the owner /occupier/supplier
of the installation with Address, Mobile No.
and email ID.