

HIMACHAL PRADESH ELECTRICAL INSPECTORATE

**FORM-C (FORM-III of Schedule-IV)**  
**APPLICATION FOR PERIODICAL INSPECTION OF ELECTRICAL INSTALLATIONS**  
**(UNDER REGULATION, 30 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. Voltage of Line: \_\_\_\_\_
7. Inspection fee Rs. \_\_\_\_\_ Challan No. \_\_\_\_\_ Date \_\_\_\_\_

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
	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
	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
	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
	Regulation-26	Whether all circuits and apparatus are so arranged that there is no danger of any part(s) becoming accidentally charged to any	Yes/No

HIMACHAL PRADESH ELECTRICAL INSPECTORATE

		voltage beyond the limits of voltage for which it is/they are intended?	
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?	Yes/No	
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	
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	
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	

HIMACHAL PRADESH ELECTRICAL INSPECTORATE

		(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
Regulation-44		(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
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 wire free from any mechanical damage?	Yes/No
		(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
Regulation-49		Is the outdoor (except pole type) sub-station efficiently protected by fencing not less than 1.8 mts. in height?	Yes/No

HIMACHAL PRADESH ELECTRICAL INSPECTORATE

	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
	Regulation-51	Has suitable provision been made for immediate and automatic or manual discharge of every static condenser on disconnection of supply?	Yes/No
	Transmission Lines	What is the minimum size of the conductors of overhead lines used? State the type of conductors.	Size of conductor.....
	Regulation- 58	Whether clearances above ground of the lowest conductor of overhead lines are as per regulation 58?	Yes/No
	Regulation- 61	On the basis of maximum sag, Whether vertical clearances where the line of voltage exceeding 650V passes above or adjacent to any building or part of a building are as per regulation 61?	Yes/No
	Regulation- 61	On the basis of maximum deflection due to wind pressure, whether horizontal clearances between the nearest conductor and any part of such building are as per regulation 61?	Yes/No
	Regulation- 62	Where conductors forming parts of system at different voltages are erected on the same supports, whether adequate provision has been made as per regulation 62 to guard against danger to linemen and others from the lower voltage system being charged above its normal working voltage by leakage from or contact with the higher voltage system?	Yes/No
	Regulation- 69	Where overhead lines cross or are in proximity to each other whether they have been suitably protected to guard against possibility of their coming in contact with each other as per regulation 69?	Yes/No
	Regulation- 70	Has every guard wire been properly earthed as per regulation 70 at each point at which its electrical continuity is broken?	Yes/No
	Regulation- 72	Whether metal supports of overhead lines and metallic fittings attached thereto are permanently earthed as per regulation 72?	Yes/No

HIMACHAL PRADESH ELECTRICAL INSPECTORATE

	Regulation- 72	Has each stay-wire (except in case where an insulator has been placed in it at a height not less than 3 meters from the ground) been earthed as per regulation 72?	Yes/No
	Regulation- 73	Whether overhead line is suitably protected with a device for rendering the line electrically harmless in case it breaks as per regulation 73?	Yes/No
	Regulation- 73	Whether anti-climbing devices have been provided at each support as per regulation73?	Yes/No
	Regulation- 74	Has the owner of overhead lines adopted efficient means for diverting to earth any electrical surges due to lightning in every overhead line which is so exposed as to be liable to injury from lightning as per regulation74?	Yes/No
	Regulation- 74	Whether earth lead from the lightning arrestors is connected to a separate earth electrode as per regulation 74?	Yes/No
	Regulation- 75	(xi) Whether unused overhead lines are maintained in a safe mechanical condition as per regulation 75?	Yes/No
		Whether statutory clearances from Authorities i.e. Forest Department/ Railways/ PTCC/ Defence (AHQ)/ Civil Aviation have been taken as per Indian standard. If yes, enclose copies of the same.	Yes/No

- 1) List of equipment mention the data: (Name, Make, Si. 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) Insulation test results and earth resistance of individual, combined electrodes and earth mat.
- 6) Details of electrical Contractor and Supervisor (enclose copy).
- 7) Copy of treasury challan receipt.

Signature of inspecting  
Officer with seal

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