Declaration Form for Overhead Lines

1. Consumer No……..……..…… 2. Location of Premise: …….……...
3. Name of Consumer/Owner: ……..……..…….
4. Address of the Consumer/Owner: ……...
5. Voltage and system of supply:……..…….…...…..AC/DC…….....……Volts……..…Phases……..……

6. General Condition of the installation with regard to the compliance of undernoted I.E. Rules: ……..……
7. Inspection Fee deposited vide Ch. No…….……Date……..…...Bank……..……..

I.E. Rule No.	Requirement	Owner's Reply and sign	Remark by Director Electrical Safety or his Representatives
1	2	3	4
35.	Have caution notice in Hindi of approved design been affixed permanently in conspicuous position on all support of high and extra high voltage overhead lines?	……	
74.	What is the maximum size of the conductor? Is its breaking strength 350 Kg. of more?	……	
77.	**(1)** Does the height of any conductor of the overhead line above the ground conforms to the following minimum requirement?		
	(a). Where the overhead line is erected across a street:		
	For low and medium voltage line ……..5.8 meters	……	
	For high voltage line ……..…6.1 meters	……	
	(b) Where the overhead line is erected along any street:		
	For low and medium voltage line …….5.5 meters	……	
	For high voltage line ……..…5.8 meters	……	
	(c) Where the overhead line voltage is erected elsewhere: For low ,medium and high voltage line up to the including 11,000 volts:		
	If bare……..…4.6 meters	……	
	If insulated……..4.0 meters	……	
	For high voltage line above 11,000 volts …...5.2 meters	……	
	(2) Does the extra high voltage line has clearance above ground not less than 5.2 meters plus 0.3 meters for every 33,000 or part thereof by which the voltage of the line exceeds 33,000 volts?	……	
	(3) Is the minimum clearance not less than 6.1 meters in case the extra high voltage line is erected along or across any street?	……	
79.	Does the low or medium voltage overhead line passing above or adjacent to or terminating on any building has the following minimum clearance from any accessible point on the basis of the maximum sag?		
	When the line is passing above the building …….2.5 meters vertical clearance.	……	
	When the line is passing adjacent for the building…...1.2 meters horizontal clearance	……	
80.	**(1)** Does the vertical clearance on the basis of maximum sag. Where the high or extra high voltage line passes above or adjacent to any building or part of a building confirm to the following minimum requirement?		
	For high voltage line up to and including 33,000 voltages ……3.7 meters	……	
	For extra high voltage line …….3.7 meters plus 0.3 meters for every addition 33,000 volts or part there of?	……	
	(2) Does the horizontal clearance between the nearest conductor and any part of such building conform (on the basis of maximum deflection due to wind pressure) the following minimum requirement?	……	
	For high voltage line up to and including 11,000 volts……..1.2 meters.	……	
	For high voltage line above 11,000 volts and up to and including 33,000 volts ……..2 meters	……	
	For extra high voltage line ……..2 meters plus 0.3 meters for every additions 33,000 volts or part thereof?	……	

I.E. Rule No.	Requirement	Owner's Reply and sign	Remark by Director Electrical Safety or his Representatives
1	2	3	4
81.	Has adequate provision been made where conductors forming part of system at different voltage are erected on the same support to guard against danger to lineman and others from the lower voltage system being charged above its normal working voltage by leaking from or contact with the higher voltage system?	……	
85.	**(1)** What is minimum interval between the supports?	……	
	(2) Does the interval exceed 65 meters in case of overhead lines carrying low or medium voltage conductors in over along or across any street? If so was consent in writing of the electrical inspector taken?	……	
87.	**(1)** Does the overhead line cross or is it in proximity to any tale-communication lines?	……	
	If so has the owner of the overhead lines protected it's in a manners laid down in the code of practice of the power and telecommunication Co-ordination committee?	……	
	(2) Have overhead lines which cross or are in proximity to each other been suitably protected to guard against possibility of their coming in contact with each other?	……	
88.	**(1)** Has every guard wire been properly earthed each point at which its electrical continuity is broken?	……	
	(2) What is the type and size of the guard wire?	……	
90.	**(1)** Are the metal support of O.H. lines and metallic things attached thereto permanently and efficiently earthed?	……	
	(2) Has each stay wire (except in case where an insulator has been placed in its at a height not less than 3 meters from the ground) been similarly earthed?	……	
91.	**(1)** Has the O.H. line been suitably protected with a device for rendering the line electricity harmless in case its breaks?	……	
	What type of device is used?	……	
	(2) Having ant climbing devices been provided for each of the H.V. and E.H.V. support?	……	
92.	**(1)** Has the owner of O.H. lines adopted efficient means for diverting to the earth any electrical surges duo to lightning on every O.H. lines which are so expressed as to be liable to injury from lightning?	……	
	What type of means is used?	……	
	(2) Has earthing lead from the lightning arrestors been connected to a separate earth electrode?	……	
93.	Are unused O.H. lines being maintained in a safe minimal condition?	……	

Name of the Electrical contractor:

I CERTIFY that the wiring of the above installation was carried out by Sri ……..…..…… Wireman (Permit No……..……..……..) under the supervision of Sri ……..…… Super or (Certificate No……..……..……) and it complies with the requirement standard and provisions of Indian Electricity Rules 1956.

Electrical contractor/Department of Factory exempted from rule 45 (Give Designation)

Recommendation of Inspecting of Directorates Electrical Safety U.P. Govt.

Satisfactory/Unsatisfactory Inspecting Officer