Electrical Safety Certificate

(by Qualified Electrical Engineer Third party)

Who can conduct Electrical safety ?

- It is a basic technical verification which can be done by any Electrical Engineer. Hence the following are authorised to do and sign Electrical Safety check list.

(a) Any Electrical Engineer in the employment of state govt.

(b) Any Electrical Engineer in the employment of any university or Govt. Colleges.

(c) Any Electrical Engineer in the employment of any Public Sector Undertaking owned by State govt. including APGENCO, Transco, Discoms.

(d) Licenced Electrical contractors.

(e) We would prefer such certificate from any parent of children studying in the Schools/Educational institution with the above qualification as they have more at stake.

Electrical Safety Checklist for Educational Institutions		
What safety measures are mandated to reasonably mitigate Electrical Short Circuits ?		Compliance
(i)	All Electrical wirings in the building shall confirm to the code of practise for Electrical wiring IS:732:1989 and also shall confirm for Fire Safety wiring of the building Electrical Installations as per IS:1646:2015 Most common mistake is that the neutral wires to the three pin plugs are not of sufficient thickness to carry the current in case of any short circuits.	
(ii)	Installation of Miniature Circuit Breakers, (MCB s) in all floors.	
(iii)	No Overloading of power socket in any Educational Building.	
(iv)	10 years old wiring to be changed specially where ever high power consuming appliances such as Air conditioners, Electrical/Mechanical/Computer labs, Data Centers, High tech labs, MRI machines, X-ray in Medical Colleges etc.	
(v)	Grounding/Earthing Shall be done. For details refer IS 3043:1987.	
(vi)	Lightening conductors may be provided for high rise buildings exceeding 5 floors.	
(vii)	No High Tension Lines should run inside or in close proximity (≤ 6 meters) to any Educational institution buildings.	
(viii)	All the above safety measures shall be Certified by the authorised Electrical Engineer.	

(Signature with name and Designation)

Date:-