

O/o Sr. G M (NWO-CFA)  
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**भारत संचार निगम लिमिटेड**  
(भारत सरकार का उपक्रम)  
**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)

NO. : 19-3/2012/NWO-CFA/MSE/

<sup>30</sup>  
Dated 28/08/2012

To,  
All Chief General Managers  
Telecom Circles / Metro Districts

Subject: Regarding safety from fire incidents.

Fire incidents had occurred recently in Power Room of a telephone exchange in Vijaywada, A.P. Circle. The investigation committee of Inspection Circle has recorded that the incident had occurred due to inadequate ventilation in power plant room which resulted in excessive heating of capacitors & blowing of the condensers in the circuit.

It has been suggested by the committee that the following measures be taken to avoid such fire incidents in Telecom buildings in future:-

1. All Power Plant Rooms should have proper ventilation /cooling. At least arrangement for letting out the hot air by making cross ventilation should be made.
2. Periodic Checking of power cables and their terminations to be done.
3. All conventional power plants needs to be replaced by switch mode power supply units. The switched mode power supply units require very less space & may be installed in air conditioned switch rooms.
4. Paper condensers in the capacitor bank may be replaced with suitable metallic condensers.
5. The firefighting equipment should be available in all equipment rooms in working condition and the maintenance staff should be aware of using them.

Above instructions along with the other instructions issued from time to time by this office may please be followed strictly to avoid any such incident in future and compliance to this effect may be sent to this office.

(RAJESH KUMAR)  
Addl. GM (NWO-I) CFA