

**NWO-CFA Section  
BSNL Corporate Office**

8<sup>th</sup> Floor, Bharat Sanchar Bhawan,  
Harish Chandra Mathur Lane,  
Janpath, New Delhi-110001  
Tel: 011-23714455 Fax: 011-23354549  
E-mail: dgmnwo1cfa@bsnl.co.in



**भारत संचार निगम लिमिटेड**  
(भारत सरकार का उपक्रम)

**BHARAT SANCHAR NIGAM LIMITED**  
(A Govt. of India Enterprise)

No. BSNLCO-COMN/11(12)/1/2020-NWO CFA-Part(1) Dated: 15/03/2022  
16

To,

The Chief General Managers,  
All Telecom Circles/ Metro Districts/ Core Networks/ ITPC/ BBNW.

**Subject: Safety from Fire incidents –reg.**


Recently, fire incident occurred at Telephone Exchange at WLL Base Station Room, 1<sup>st</sup> floor of ILT Building, Nagaon SSA under Assam Telecom Circle on 10.07.2020. Based on the investigations & probable causes of fire, the following recommendations are being made to prevent any future re-occurrence of fire:-

1. The infrastructure alarms of the BSC and BTS sites should be checked periodically for correct functioning.
2. The critical alarms coming in the OMCR should not be ignored or neglected and it should be verified by the staff manning the OMCR.
3. Removal of spare racks and inflammable material from switch room. The spare equipments are also to be electrically isolated.
4. The in charge of such remote exchanges should regularly check the working of A/Cs, Fire Extinguishers, electrical wirings for any loose contacts, heating of power cables, etc. and if found any problems, the matter should be reported to the proper authorities
5. Maintenance of the fire alarm system is required in a timely manner and it should be always in operation.
6. Preliminary knowledge of fire control/ use of fire extinguishers should be given to the staff and security guard.
7. Fire extinguishers should be provided in sufficient quantity and refilling should be done at regular intervals.
8. Fire drill exercise should be conducted once a quarter.
9. The false ceiling/false flooring board should be of good quality and it should be fireproof and should resist propagation of fire.
10. The Equipment room, Power Plants, DG Sets, tower, Air-conditioning units should be properly earthed. The value of the earth also should be checked periodically.
11. Inflammable items (like diesel, petroleum gas, kerosene, petrol, etc) should not be kept near the equipment room. There should be a separate storage room far away from the switch room for the storage of inflammable materials. Further unwanted foreign material should not be kept in the switch room because it worsens the fire hazard.

12. Environmental conditions in the equipment room should be maintained as per the BSNL guidelines. This requires enhancement of infrastructure and periodic maintenance of infrastructure items (AC power supply, DG sets).
13. Rack and other equipment should not be placed very near to electrical appliances and walls and adequate space should be maintained between racks.

Apart from above, all existing guidelines & other instructions issued by this office time to time including engineering instructions on prevention of fire in telecommunication buildings & fire fighting should also be strictly followed.

This is issued with the approval of competent authority.

  
16/03/2022  
(Alok Kumar)  
DGM (NWO-CFA)

All matters are reported that in future it can be improved more by making sincere efforts.  
In this regard, the report of March 2019 of Kerala Telecom Circle is enclosed herewith for information please.

  
Alok Kumar  
DGM (NWO-CFA)  
(Kerala Telecom Circle)

PGM (CFA) BSNL CO-MN Circle, Kerala  
U.O.No: 8-812012-PHT (P-1)  
Date: 10.04.2019

16