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भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

F.No.7-1/2019/NWO-CFA/MSE/Fire

Dated: 21 .05.2020.

To

The CGMs,
Telecom Circle / Telecom Districts / Mtce Regions.

Sub: Regarding safety from Fire incidents.

Ref: - (1) Letter no. 7-1/2019/NWO-CFA/MSE/Fire dated 06.09.2019(copy enclosed).
(2) Letter no. 4-8-1/EW/2017 dated 02.08.2017.

Earlier vide above referred letter at sl. no.(1), it was conveyed that a fire incident occurred at Telephone Exchange Harbour, Chennai on 1st August 2019, where the fire spread through cable riser.

Further, the Electrical wing of BSNL CO had already suggested fire incidence/Disaster preventive related standard operating procedures communicated vide above referred letter at sl. no.(2).

Recently a fire incident occurred at Faridabad Main Exchange where the spread of fire also took place through cable riser.

In this regard instruction issued vide above referred letter at sl. no.(1) is reiterated again :-

Electrical wing has also suggested that the cut outs in the floor/wall used for laying of telecom data/DC Power cables may be closed with removable covers made of fire resistant /retardant material such as Sheet Steel/ Bakelite-Hylum/ Phenotherm with necessary opening for accommodating the cables. If any gap is left out there, the same can be sealed with the fire retardant material available in the market.

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.

Encl:- As above

(Alok Kumar)
AGM (MS-CFA)

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F.No. 7-1 /2019/NWO-CFA/MSE/Fire

Dated: 05.09.2019
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To

The CGMs

Telecom Circle / Telecom Districts / Mtce Regions.

Sub: Regarding safety from Fire incidents.

Kindly refer to this office letter of even number dated 12.06.2019 (copy enclosed) on the above mentioned subject wherein, some points were suggested to prevent the fire incidents. It seems that no special attention is being given on the suggested points.

Recently, a fire incident occurred at Telephone Exchange Harbour, Chennai on 1st August 2019. Initially the following deficiencies have been observed to stop spreading the fire:-

1. The staff present could not locate the exact place of fire and also magnitude in first 15 minutes and therefore did not take any preventive measures for drowsing of fire through firefighting equipments.
2. The staff was also not trained for such safety measures to be taken and fire broke out.
3. The fire spread to all the floors above first floor (the place where fire actual broke up) through cable riser only .
4. The approach road towards the exchange building from main road is a narrow road and also remains occupied by the neighboring habitants therefore making it difficult for the fire tender to quickly reach to the exchange building.
5. Few departmental vehicles were also parked inside the building making it difficult for the fire tender to reach right up to the building immediately where the fire broke up.

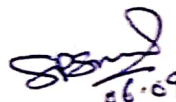
Higher authorities have instructed to follow up the following instructions strictly to prevent the fire incidents:-

1. Fire drill should be conducted once in a year and recorded in the fire drill register.
2. Officials on 24 Hours rotational duty should be trained to handle fire extinguishers.
3. Fire is spreading through cable riser; therefore electrical wing may be asked to take preventive steps.
4. The Electrical contact points in all Major AC & DC Distribution boards may be checked for any loose connections and to find out if there is any excessive heating / Sparks at any of the contacts.
5. The air-conditioning units & Plug points need to be checked for maintaining proper temperature.

6. The Fire / Smoke detector should be tested for functioning at all major locations. Fire wardens as per norms should be available and they need to be sensitized about their duties.
7. Fire extinguishers should be re-filled in timely manner.
8. The sand bag, filled water bucket etc. should be kept ready for any unforeseen situation.
9. In this regard, Electrical wing, BSNL CO has already suggested Fire Accident / Disaster preventive related standard operating procedures communicated vide letter no 4-8-1/EW/2017 dated 02.08.2017.

Electrical wing has also suggested that the cut outs in the floor/wall used for laying of telecom data/DC Power cables may be closed with removable covers made of fire resistant /retardant material such as Sheet Steel/ Bakelite-Hylum/Phenotherm with necessary opening for accommodating the cables. If any gap is left out there, the same can be sealed with the fire retardant material available in the market.

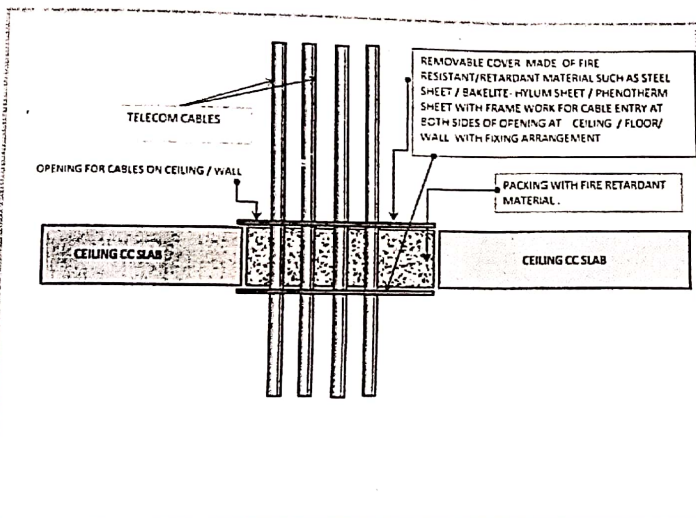
Apart from above all existing guidelines and other instructions issued by this office time to time including engineering instructions on prevention of fire in telecommunication building and fire fighting should also be strictly followed. This is issued with the approval of competent authority.


26.09.2019
AGM (MS) CFA

FIRE SAFETY MEASURES FOR FLOOR / WALL CROSSINGS OF CABLES

The cut outs in the floor/wall used for laying of telecom data / DC power cables may be closed with removable covers made of fire resistant/retardant material such as Sheet steel / Bakelite - Hylum / Phenotherm with necessary opening for accommodating the cables. If any gap is left out there, the same can be sealed with fire retardant material available in the market. Cut out in the sheets will be less than the opening available in the floor/wall. In future additional cables to be laid, the sheets have to be removed and suitable additional opening may be made in the sheet as per site requirement. Many fire retardant materials are available in the market at varying cost structures, the same can be used as per the site requirement.

FRONT VIEW



TOP VIEW

