

消防處
防火總區

香港九龍尖沙咀東部康莊道 1 號 5 樓
消防總部大廈



**FIRE SERVICES DEPARTMENT
FIRE PROTECTION COMMAND**

FIRE SERVICES HEADQUARTERS BUILDING,
No. 1 Hong Chong Road, 5/F.,
Tsim Sha Tsui East, Kowloon,
Hong Kong

本處檔號 Our Ref.: (64) in FP 317/10 III

來函檔號 Your Ref.:

電訊掛號 Telex: 39607 HKFSD

HX



(24 小時 Hours)

圖文傳真 Fax: 852-2723 2197

電話 Tel. No.:

16 December 1998

FSD Circular Letter No. 5/98
Miscellaneous Topics - Transformers

Subsequent to the newly approved R-Temp fluid, a heavy paraffinic hydrocarbon dielectric fluid, for transformers in Hong Kong, Part X of F.S.D. Circular Letter No. 4/96 is required to be amended.

In view of the above, Page X.2 of Part X of F.S.D. Circular Letter No. 4/96 on the captioned subject have been duly amended and replaced by the attached pages

Signed
(LAU Shu-lam)
for Director of Fire Services

- (e) Gas leakage alarm to be provided (visual and audible) with Trip Circuit.
- (f) Standard FSD Requirements for Transformer Room to be complied with as stipulated.

1.2 Midel 7131 (Pentaerythritol Ester) Filled: Silicone Fluid-Filled, R-Temp (Mixtures of paraffinic hydrocarbons and additives) Filled and Dry Type Transformers

1.2.1 Above Ground Level

- (a) Transformer Room shall be located at the periphery of the building. Windows must be provided on the external wall, such windows shall be capable of being opened when required to supplement ventilation.
- (b) Mechanical ventilation in form of an individual air-conditioning system shall be provided for the Transformer Room.
- (c) A lobby shall be provided outside the Transformer Room.
- (d) A 4.5kg CO₂ fire extinguisher or its appropriate equivalent alternative type of fire extinguisher is to be provided.
- (e) Standard FSD Requirements for Transformer Room shall be complied with as stipulated.

1.2.2 In Basement

- (a) An independent and separate staircase (leading to open air at ground level) solely for the Transformer Room is to be provided.
- (b) Mechanical ventilation in form of an individual air-conditioning system shall be provided for the Transformer Room.
- (c) A lobby shall be provided outside the Transformer Room.
- (d) A 4.5kg CO₂ fire extinguisher or its appropriate equivalent alternative type of fire extinguisher is to be provided.
- (e) Standard FSD Requirements for Transformer Room shall be complied with as stipulated.

Signed
(LAU Shu-lam)
for Director of Fire Services