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BE QUOTED IN REFERENCE
TO THIS LETTER.



FIRE SERVICES DEPARTMENT,
EX HOWE BLOCK,
QUEENSWAY,
HONG KONG.

FIRE PREVENTION BUREAU
HELP US TO HELP YOU

P. O. BOX NO. 20192
HENNESSY ROAD POST OFFICE

28th May, 1968.

Dear Sirs,

Fire Dampers

There has been some difficulty in the trade in determining the gauge of metal to be used for fire dampers and associated casings. Without the knowledge of the fire resistance period of the approved compartmentation, it has been difficult for anyone to design fire dampers, unless they have first obtained guidance from this Department or constructed them from 0.25" M.S.. It is hoped that the following will completely clarify the position :-

- (1) For any duct passing through any floor or ceiling, requiring the provision of a fire damper within the meaning of the Building (Ventilating Systems) Regulations, 1964, such fire dampers shall be constructed from not less than 0.25" M.S., the associated casing or coaming shall also be constructed to this standard. (This of course assumes that mild steel plate will continue to be used as the medium for fire dampers).
- (2) For any duct passing through any wall requiring the provision of a fire damper within the meaning of the Building (Ventilating Systems) Regulations, 1964, such fire dampers shall be constructed from not less than 0.125" M.S., the associated casing or coaming shall also be constructed to this standard.
- (3) In the event of any duct or opening in any wall having a fire resisting period of 4 hours rating, double 0.125" M.S. dampers, or a single 0.25" M.S. damper shall be provided.
- (4) In the case of wall, floor ceiling or transfer openings, they shall be protected as required in paragraphs (1) and (2).
- (5) 0.25" M.S. shall be deemed the maximum metal gauge necessary for the construction of fire dampers, coamings or associated casings.
- (6) Angle lands shall be employed in the construction to permit clearance and to prevent deforming or jamming of the fire damper, this is equally applicable to the multi blade type.
- (7) Brass or Bronze bearings shall be used for the fire damper shaft.
- (8) All fire dampers shall be subject to the approval of the Director of Fire Services.

2. I look forward to your continued cooperation.

Yours faithfully,

James R. S. Pickett
(J.R.S. Pickett)
for Director of Fire Services.