

# NEW FACILITATION ARRANGEMENT BY PRODUCT CERTIFICATION ON THE APPROVAL OF FUSIBLE LINK FOR HOTEL LICENCE APPLICATIONS



## *Responsibilities of Ventilation Division in Hotel Licence Application*

- To certify the ventilating system of the premises in compliance with the standard stipulated in the Building (Ventilating System) Regulations and FSD Circular Letters where applicable.
- A letter of compliance for the Ventilating System will be issued to the licence applicant when the whole installation has been verified to comply with the requirements.



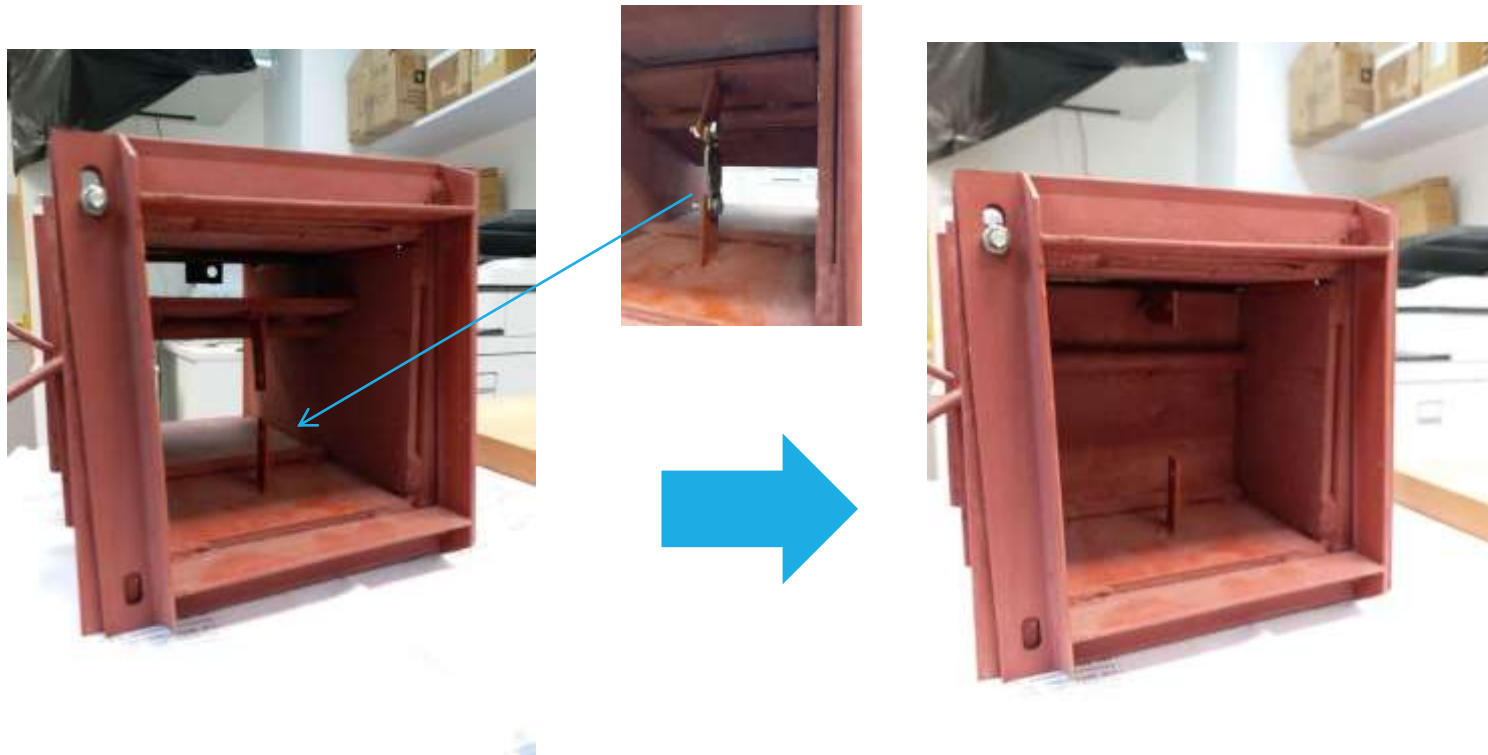
## Background

---

- For Hotel Licence application, a Letter of Compliance issued by FSD is required.
- Amongst other fire safety requirements, Fire Dampers shall be provided between compartment walls and fitted with **FSD approved fusible links**.

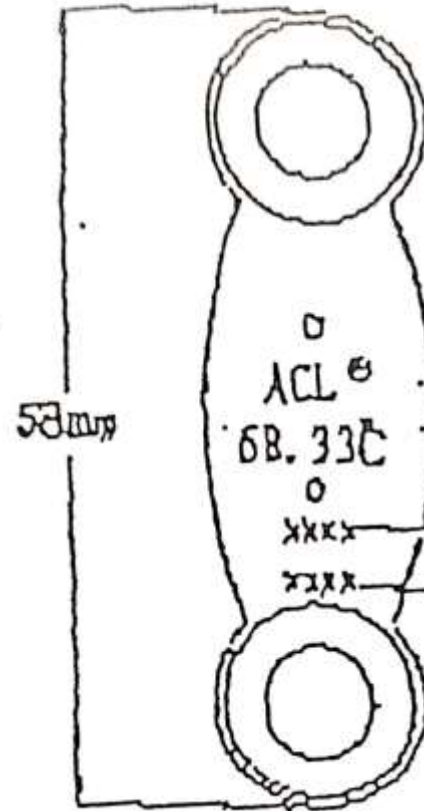


## Fire damper linked by FSD approved fusible link



A fire damper is in **open** position under normal condition, and will be **closed** during fire incident to prevent the spread of fire

# Fusible Link



Brand

Temperature Rating

Date Code      Date of production code

Lot and Serial No      Lot & serial code

## Acceptance Test for Fusible Links

### Previous Arrangement

The acceptance test is a prerequisite for issuing Letter of Compliance

One of the requirement for the acceptance test

The Operating Temperature Test - Bath Test

Objective

- To check the absolute operating temperature of fusible links; and
- To ensure that the temperature rating of fusible link shall not exceed 69 °C

## Facilitation Measure on the acceptance of fusible links

- Review was conducted by FSD
- To align with the extant approval mechanism in FSD
- Product certification is considered more reliable and justifiable
- Subject to the verification result, FSD would issue approval letter

	Previous Arrangement	Streamline Arrangement
	Bath Test	Submission of valid documents
Acceptance Criteria	Obtained satisfactory result from the bath test	<ul style="list-style-type: none"><li>• Submission of product certification issued by accredited laboratory; and/or</li><li>• Other supporting documents, e.g. FSD approval letter</li></ul>

# Sample of approval letter issued by FSD

消防處  
牌照及審批總區  
通風系統課  
香港九龍尖沙咀彌敦道1號  
消防處牌照及審批總區辦事處

FIRE SERVICES DEPARTMENT  
LICENSING & CERTIFICATION COMMAND  
Ventilation Division  
1/F Fire Services Headquarters Building,  
101 Hong Cheng Road, Tsim Sha Tsui East, Kowloon,  
Hong Kong

申請編號 Our Ref: FP (LC)316/18  
批出編號 Issd Ref:  
審批編號 Ser: 2367 3206  
電話 Tel No: 2733 1557

23 May 2017

XXXXX  
XXXXXXX  
XXXXXXX

Dear Sir,

"KK 68.33°C" Fusible Link

I refer to your letter received by this Department on 23.3.2017 enclosing a set of the test report and samples of the captioned product.

I would like to inform you that this department accepts the use of "KK 68.33°C" fusible link in ventilating system subject to the compliance with the following details:

Manufacturer	: XXXXXX
Type/Model	: "KK 68.33°C" Fusible Link a) Size : 50mm b) Size : 25mm
Temperature Rating	: 68.33°C
Test Report	: By XXXX No. XXXX
Test Results	: For all specimens – actuated between 62.0°C to 63.1°C when loaded with a 0.4 kg loading
Product Quality Assurance Certificate	: A "Product Quality Assurance Certificate" covering the result of batch sampling test should be made available on request

Type and model of fusible link

Temperature Rating : 68.33 °C

Test report issued by accredited laboratory

Test result: actuated between 63.7°C to 64.1°C when loaded with a 10 kg loading



# Sample of approval letter issued by FSD (Cont'd)

-2-

- Remarks :
- a) For both sizes, they shall bear the following identification marks on their bodies:
    - i) Brand and model names
    - ii) Temperature rating
    - iii) Batch identification (With an alphabet and a 2-digit figure standing for the batch number and the year of production respectively).
  - b) This letter supersedes our previous one of the same series dated 21 May 2012.
  - c) This letter is subject to review by May 2022.

Please note that for projects, e.g. hotel, where a large number of such fusible links are installed, you may be required to conduct site test to demonstrate their compliance with the rated temperature in accordance with the "Sampling Test Procedure on Fusible Link for Use in Fire Damper of Ventilating Sysetms" issued by this department, a copy of which is already in your possession.

Yours faithfully,

XXXXXX

for Director of Fire Services

The product shall bear the following identification marks on their bodies:

- Brand and model names
- Temperature rating
- Date of production code
- Lot & serial code

Date for review of assessment

---

The End