



# **Introduction of the Registered Fire Engineer Scheme**

## **引入註冊消防工程师計劃**

## Background 背景

For persons who intend to apply for a licence to run certain types of licensed premises, FSD officers will:

任何人士申請經營特定持牌處所，消防處人員會：

Conduct fire risk assessments & formulate fire safety requirements

進行消防風險評估及制定消防安全規定



Conduct compliance inspections and issue a fire service certificate or a similar instrument

進行查核工作及發出消防安全證明書或同類文件



## Background 背景

- Taking the licensing process of food premises as an example, it currently takes around 17 days for FSD to conduct fire safety risk assessment and formulate fire safety requirements, and around 14 days to conduct compliance inspection and certification

以食物業處所的發牌過程為例，現時由消防處進行消防安全風險評估及制定消防安全規定需時約17天，而查核及審批則需時約14天

- There is no alternative way to complete the relevant process in a shorter period of time even if the Applicant so wishes

申請人希望盡快完成有關程序，礙於沒有其他途徑可循，所需時間無法縮短

## Proposal 建議

- **Implement the Registered Fire Engineer Scheme**

實施註冊消防工程师計劃

- ★ To leverage on the expertise and experience of the professional engineers and qualified persons in the market for the provision of fire safety risk assessment and certification services

利用市場上專業工程師和合資格人士的專業知識和經驗，提供消防安全風險評估和發出證明書的服務

## Consultations 諮詢

- Conducted 2 rounds of public consultations in 2007 and 2011

於2007及2011年進行兩輪公眾諮詢

- Consulted relevant trades, professional organizations and stakeholders, including the Business Facilitation Advisory Committee, Business Liaison Groups, etc.

諮詢相關業界、專業團體及持份者，包括方便營商諮詢委員會及各營商聯絡小組等

## Response to Consultations

### 諮詢結果

- Majority of stakeholders supported the Scheme  
大部份持份者支持計劃
- A regulatory and monitoring mechanism should be established  
應設立規管及監察機制
- Phased implementation approach with certain types of licensed premises (“prescribed premises”) as a prudent start  
分階段推行；為審慎起見，以特定持牌處所（“訂明處所”）開始

## Business Impact Assessment

### 營商環境影響評估

- Service providers and service users generally supported the Scheme  
服務提供者及服務使用者均普遍支持計劃
- An option for service users  
服務使用者可有選擇
- Help to expedite the licence application processes  
協助加快牌照申請過程
- No negative impact on existing stakeholders (e.g. contractors)  
對現存的持份者(如承辦商)沒有帶來負面影響

## Benefits 優點

- Provide an option for licence applicants  
提供選擇給牌照申請人
- Shorten the processing time in licence application and provide flexible services  
縮短處理牌照申請的時間及提供較靈活的服務
- Enhance business competitiveness  
提升業界競爭力
- Increase job opportunities  
增加就業職位



## Scope of the RFE Scheme 計劃範疇

- Implement by phases with prescribed premises as a start

分階段推行，並以訂明處所開始



## Proposed Categories of RFEs 註冊消防工程师的建議分類

	Scope of Work 工作範疇
<b>RFE(RA)</b> 註冊消防工程师 (風險評估)	Conducts fire risk assessment and formulate fire safety requirements 進行消防風險評估及制定消防安全規定
<b>RFE(FSI)</b> 註冊消防工程师 (消防裝置)	Conducts compliance inspection on Fire Service Installations and issue fire safety certificate or similar instrument 查核持牌處所是否符合消防安全規定， 及發出消防安全證明書或同類文件
<b>RFE(VentS)</b> 註冊消防工程师 (通風系統)	Conducts compliance inspection on Ventilating System and issue fire safety certificate or similar instrument 查核通風系統是否符合消防安全規定， 及發出消防安全證明書或同類文件

## Workflow 工作流程

Option 選擇	Workflow 工作流程	
	Conducts fire safety risk assessment & formulate fire safety requirements 進行消防風險評估及制定消防安全規定	Conducts compliance inspection & issue Fire Safety Certificate or similar instrument 查核及發出消防安全證明書或同類文件
1	RFE 註冊消防工程師	RFE 註冊消防工程師
2	RFE 註冊消防工程師	FSD 消防處
3	FSD 消防處	RFE 註冊消防工程師
4 (現行機制)	FSD 消防處	FSD 消防處

# Registration Process

## 註冊過程

Registered Professional Engineer  
of Relevant Discipline  
相關專業界別的註冊專業工程師

Other qualified persons  
其他持有相關資格人士



Relevant professional experience  
持有相關的專業經驗



Register with FSD  
向消防處申請註冊



Registered Fire Engineer (RFE)  
註冊消防工程師

# Regulatory Mechanism

## 規管機制

Registration Committee  
(members from FSD, ERB and  
professionals/ academics)

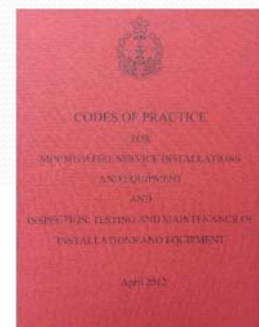
註冊事務小組  
(消防處人員、工程師註冊管理局、  
專業人士 / 學術界)

Code of Practice and / or Practice  
Notes

實務指引及 / 或守則

Disciplinary and Appeal Mechanism

紀律及上訴機制



# Regulatory Mechanism

## 規管機制

FSD to endorse the fire safety requirements formulated by RFE(RA) at the initial stage  
在計劃推行初期，註冊消防工程師(風險評估)所制定的消防安全規定須經過消防處批核

Audit inspection by FSD after fire safety certification by RFE(FSI) / RFE(VentS)  
消防處會就註冊消防工程師(消防裝置/通風系統)的審批工作，進行隨機覆檢

Appropriate action to rectify irregularities  
遇有違規情況，消防處會採取適當跟進行動



## Legislative Proposal 立法建議

- Introduce the Registered Fire Engineer Scheme through legislation

通過立法，引入註冊消防工程师制度

## Fire Services (Amendment) Bill 2015 2015年消防(修訂)條例草案

- Amend the Fire Services Ordinance (Cap. 95) to empower the CE in Council to make regulations to provide for the RFE Scheme

修訂《消防條例》(第95章)，以賦權行政長官會同行政會議就「註冊消防工程师計劃」訂立規例

- Amend the Fire Service (Installations and Equipment) Regulations (Cap. 95B)

修訂《消防(裝置及設備)規例》(第95B章)

- ★ to enable RFE(FSI) to conduct inspections of FSI  
使註冊消防工程师(消防裝置)可查核消防裝置及設備
- ★ to empower FSD officers to inspect and test FSI to check its safety and efficiency of its working order  
授權消防處人員檢查和測試消防裝置及設備，以查驗其安全性及操作狀態的效能



# Fire Services (Amendment) Bill 2015

## 2015年消防(修訂)條例草案

### Consequential Amendments

#### 相應修訂

- Enable the regulatory authorities of the prescribed premises to recognise and accept the fire safety risk assessment and certification services provided by RFEs in the licensing process

使訂明處所的監管當局在牌照審批過程中能認可和接受註冊消防工程师所提供的消防安全風險評估和發出證明書的服務





**Thank you**  
謝謝