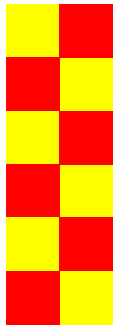




# **SCDF**

**The Life Saving Force**

*... for a safer Singapore*



## **FSM Briefing 2023**

### **Revised FC Inspection Regime**

**CPT Muhammad**

Staff Officer

Fire Safety Department

Singapore Civil Defence Force



1 INTRODUCTION

2 FIRE CERTIFICATE (FC) SCHEME

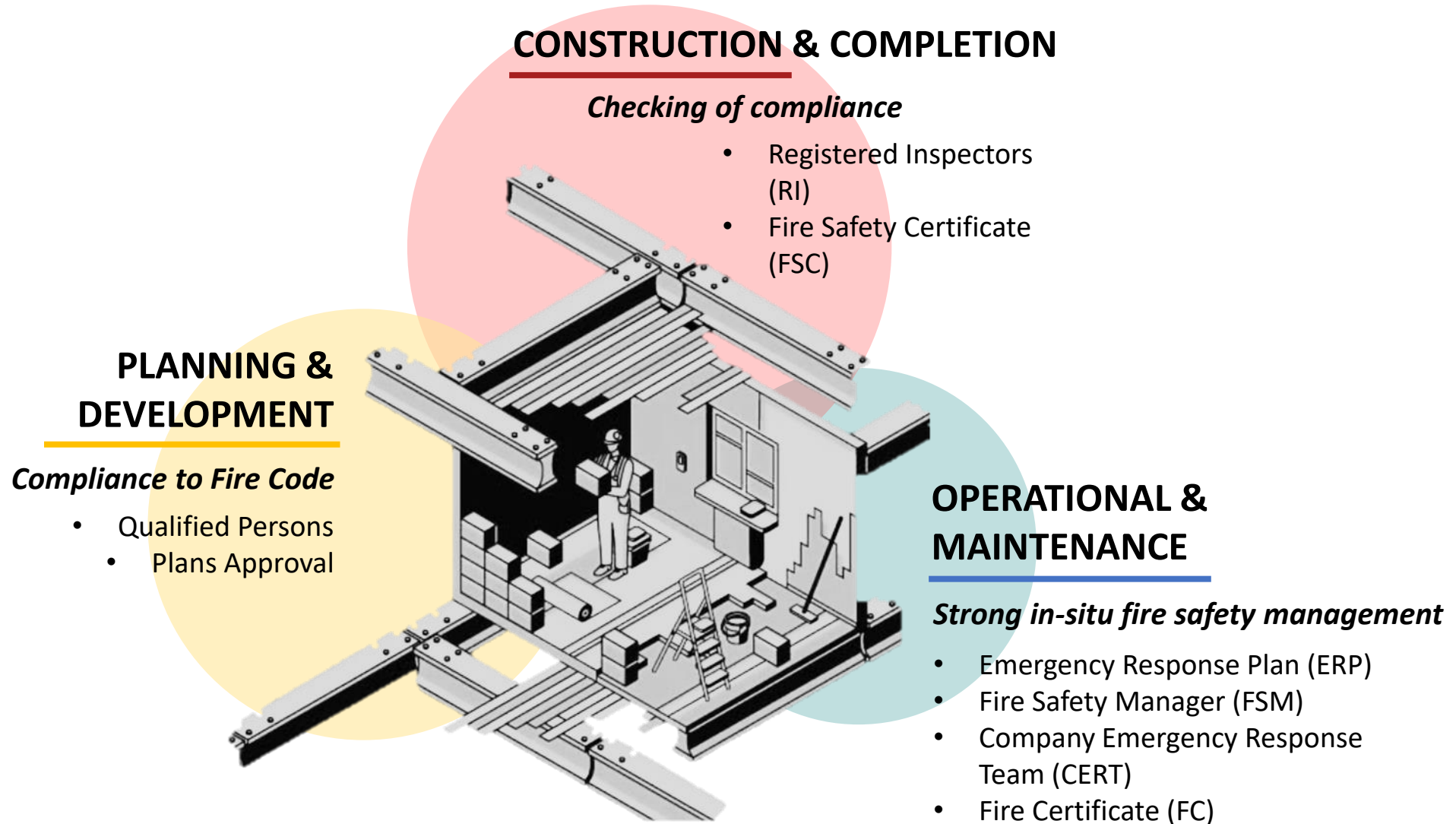
3 REVISED FC AUDIT INSPECTION REGIME

4 BENEFITS TO BUILDING OWNERS



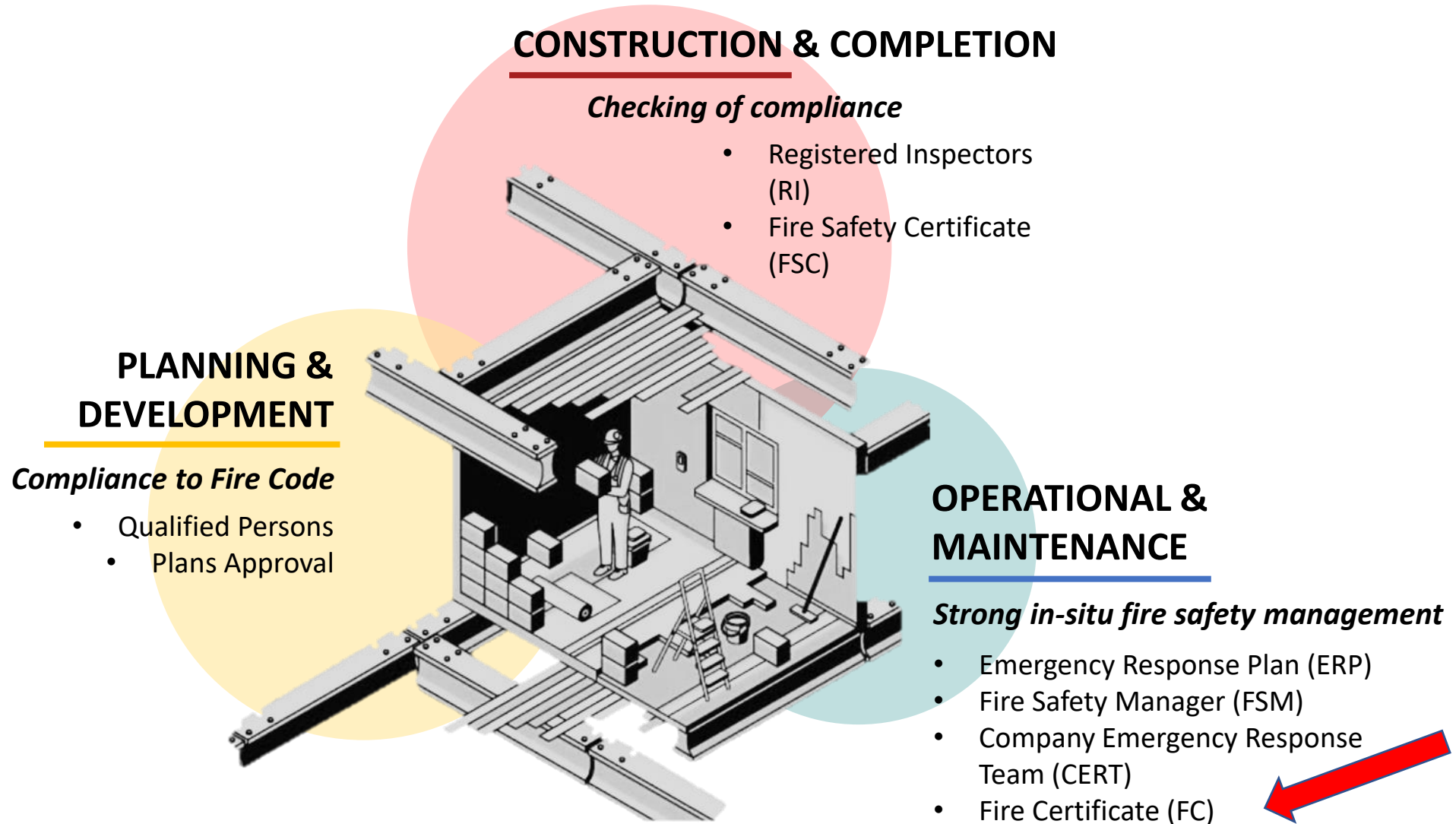
# Introduction

## FIRE SAFETY IN A BUILDING'S LIFE CYCLE



# Introduction

## FIRE SAFETY IN A BUILDING'S LIFE CYCLE



# FIRE CERTIFICATE (FC) SCHEME - CRITERIA

1. Public Building (except for a residential building) that has an occupant load of more than 200 persons, other than
  - a serviced apartment with external corridors that comply with the requirements specified in Chapter 2 of the Fire Code;
  - a standalone carpark that complies with the requirements specified in Chapter 2 of the Fire Code; and
  - a hawker centre or wet market that is not fully enclosed on all sides.
2. An industrial building / a foreign dormitory that
  - Has an occupant load of 1,000 persons or more;
  - Has a floor area of site area<sup>2</sup> of 5,000 square metres or more; or
  - Has a habitable height of more than 24 metres.
3. A hospital



# FIRE CERTIFICATE (FC) SCHEME - CRITERIA

## 4. A residential building that

- Has a habitable height of more than 24 metres;
- Is installed with
  - An automatic fire alarm system;
  - A sprinkler system; or
  - A wet riser system; and
- Is not used or intended to be used as an HDB flat

## 5. An engineered timber building (except a building that is used or intended to be used as an HDB flat) that is installed with any of the following:

- An automatic fire alarm system;
- An automatic sprinkler system;
- An automatic smoke control system;
- Any other automatic fire detection or suppression system intended to detect or control a fire automatically.



# FIRE CERTIFICATE (FC) SCHEME - CRITERIA

6. A fully automated mechanized car park that is installed with a fire protection system and meets any of the following conditions:

- The total floor area of the car parking decks in the fully automated mechanized car park is more than 200 square metres;
- The cubical extent of the fully automated mechanized car park (calculated in the manner prescribed in Chapter 9 of the Fire Code) is more than 1,400 cubic metres;
- The parking height of the fully automated mechanized car park above ground (measured in the manner prescribed in Chapter 9 of the Fire Code) is more than 10 metres;
- Where any part of the parking levels is below ground, the total parking height of the fully automated mechanized car park (measured in the manner prescribed in Chapter 9 of the Fire Code) is more than 14 metres;
- There are more than 2 parking levels below ground.



# FIRE CERTIFICATE (FC) SCHEME

- The FC scheme ensures that fire protection systems are properly maintained at the premises
- A Professional Engineer (PE) checks and certifies that the fire protection systems of the building are in working condition
- Upon successful application and approval, SCDF will issue the premises with a Fire Certificate



Singapore

## **6 building owners charged under Fire Safety Act for occupying premises without valid fire certificate**





# PREVIOUS FC AUDIT INSPECTION REGIME

- As part of the FC scheme, SCDF conducts audit inspection to ensure that the fire safety systems e.g. riser pumps, fire alarm systems, standby generator sets are in good working condition
- SCDF conducts the physical testing of the fire safety systems during the audit inspection e.g. checking of flowrate for riser systems
- SCDF schedules FC audit inspection with building owner after PE has completed his inspection of the fire safety systems within the premises



# PREVIOUS FC AUDIT INSPECTION REGIME

## FC application process

Building owner engages PE

PE conducts on-site testing of fire safety systems

Building owner submit necessary documents to SCDF

SCDF issues FC

## SCDF audit inspection

SCDF selects premises for audit inspection

Fire safety systems are in order?

SCDF conducts re-inspection

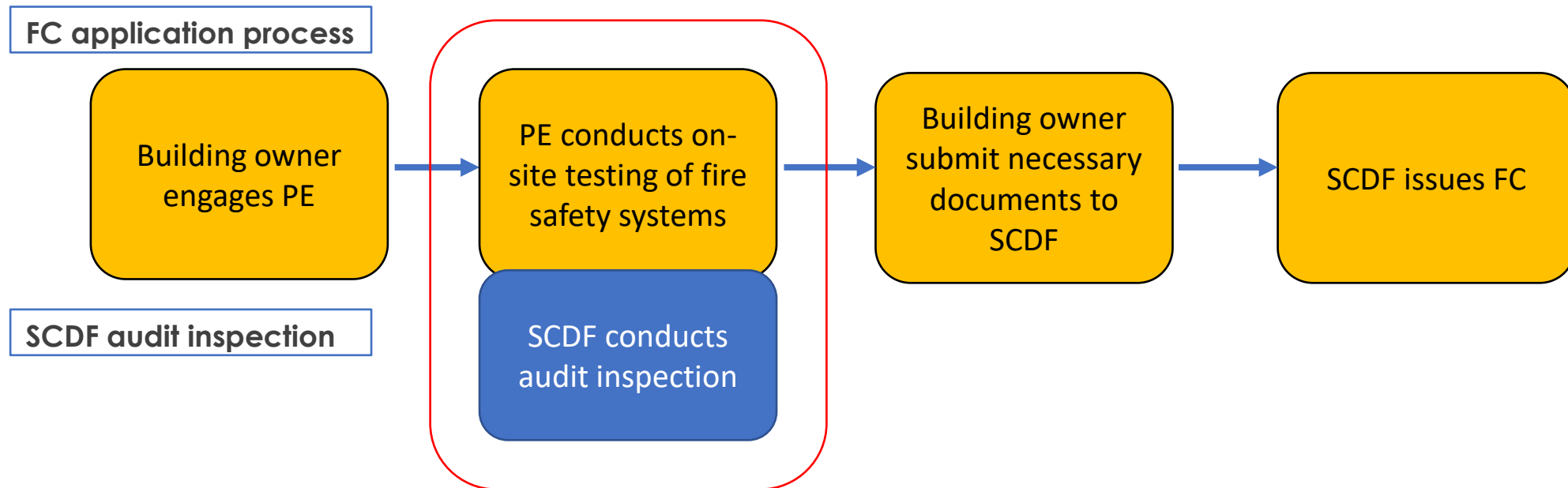
Yes

No



# NEW FC AUDIT INSPECTION REGIME

- SCDF will conduct the audit inspection together with the PE inspection, instead of arranging a separate audit inspection
- SCDF will request for PE inspection dates so that we are able to schedule our audit inspection

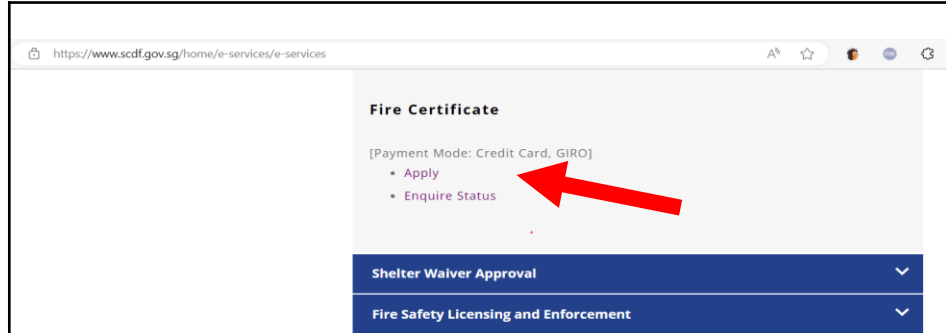


# BENEFITS TO BUILDING OWNERS

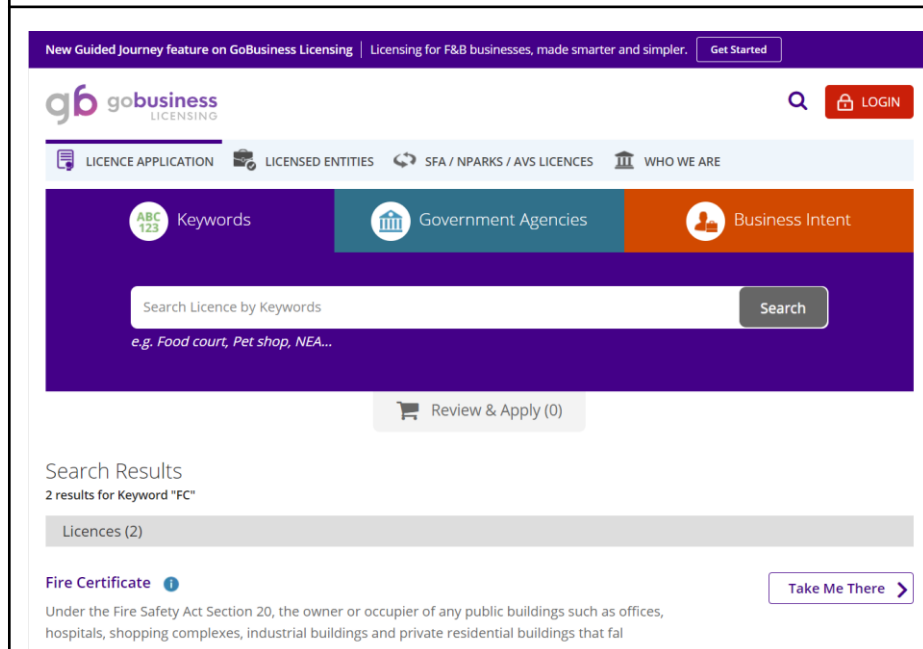
- Audit inspection conducted would be once per year in spite of the building being shortlisted to be audited by SCDF. This results in less disruption to business/operation
- Time and cost savings for building owners who are no longer required to make additional arrangements to engage contractors, vendors and PE for SCDF's separate audit inspection
- Enhance and complement the quality of checks by PE as SCDF is present on site to highlight any additional observations, making it more comprehensive and efficient



# FC Application on Gobusiness Licensing Portal



No changes to the steps to apply via SCDF Webpage



Re-directed to new portal for FC Application  
(<https://www.gobusiness.gov.sg>)

- Requires Corppass/Singpass login
- Ease of amending details
- Cancellation of application

# THANK YOU

