



MiC

MODULAR INTEGRATED CONSTRUCTION

SCOPES

- **Fire Service Installations Requirements**
- **Fire Service Installations Acceptance Inspection**

Productivity
Improvement

Reduction of On-site
Manpower



Strongly Supported by



Better Communication
Environment

Quality Control



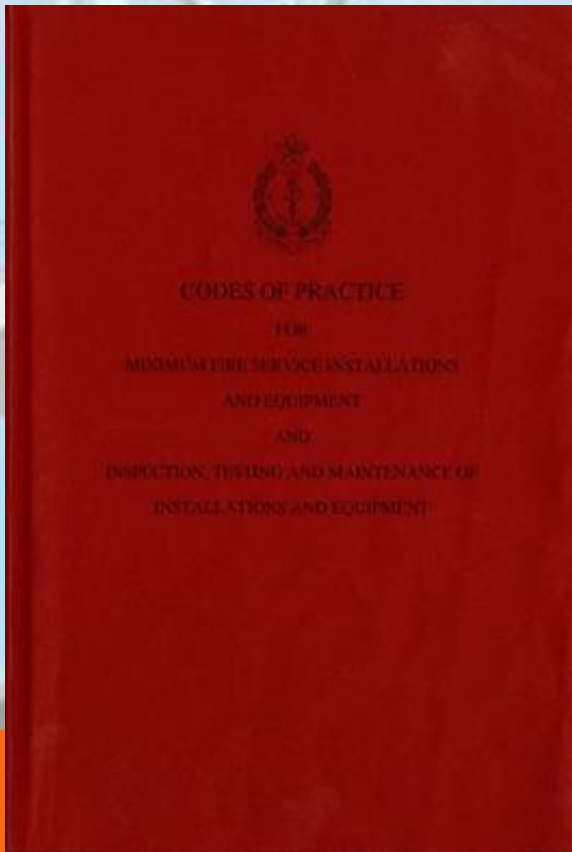
10-STOREY HOTEL BUILDING



FIRE SERVICE INSTALLATIONS AND EQUIPMENT

4.28 Hotels – high rise

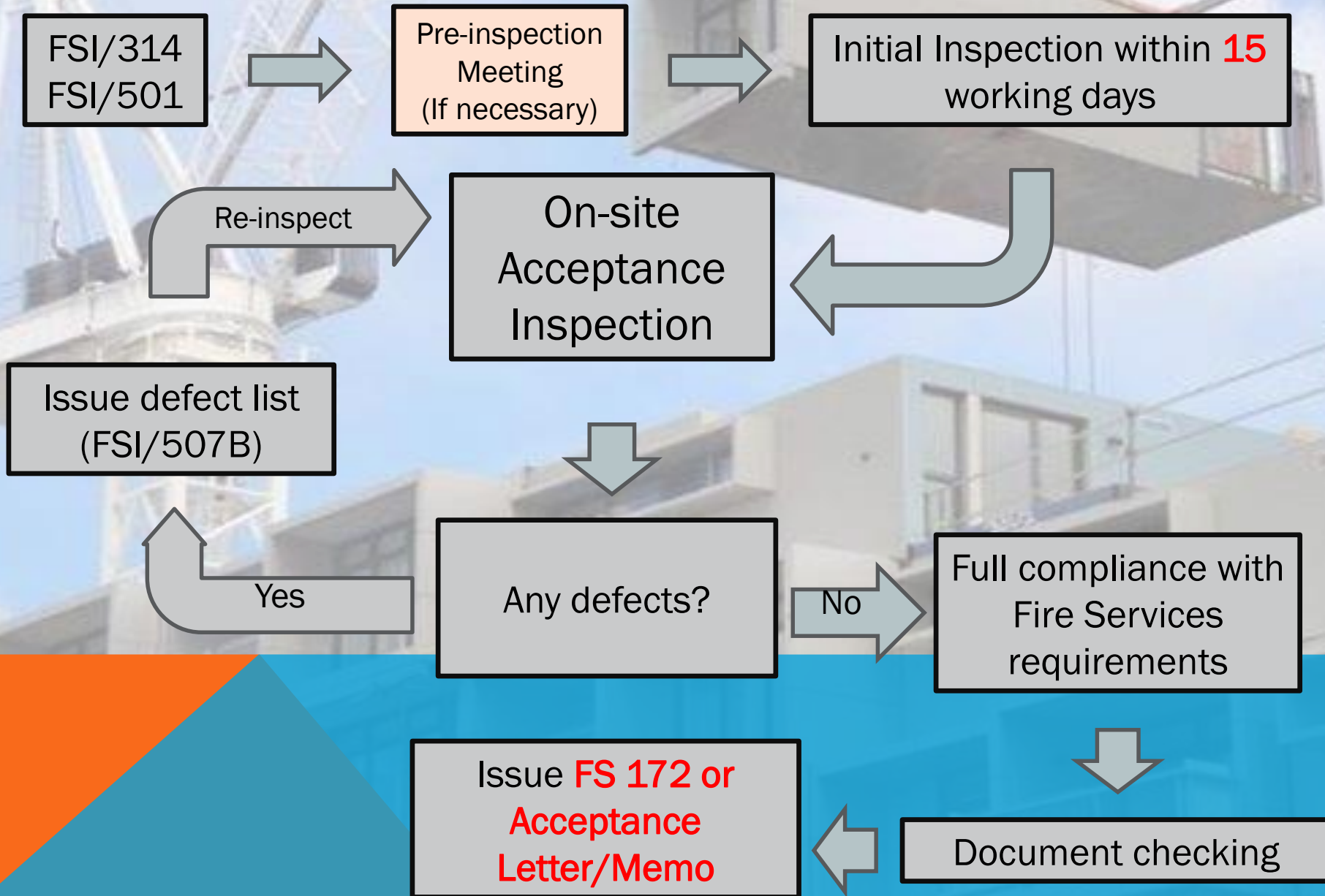
- 1) Audio/visual advisory system
- 2) Automatic actuating devices
- 3) Automatic fixed installation other than water
- 4) Emergency generator
- 5) Emergency lighting
- 6) Exit sign
- 7) Fire alarm system
- 8) Fire control centre
- 9) Fire detection system
- 10) Fire hydrant/hose reel system
- 11) Fireman's lift
- 12) Portable hand-operated approved appliance
- 13) Pressurization of staircase
- 14) Sprinkler system
- 15) Static or dynamic smoke extraction system
- 16) Ventilation/air conditioning control system



FSI ACCEPTANCE INSPECTION

- The arrangement of FSI compliance inspection for MiC projects is the same as conventional buildings
- FSIC has responsibility to ensure the efficient working order of FSI, regardless of the building method
- FSD encourages FSIC to monitor, test and audit any FSI work in off-site factories
- FSIC is required to ensure the quality and functionality of the FSI delivered to the building site prior to installation
- Guidance Notes on MiC projects involving FSI will be issued

WORKFLOW FOR FSI ACCEPTANCE INSPECTION



FSD CIRCULAR LETTER NO. 1/2015

- **Form FSI/501** - Application Form
- **Form FSI/314** with two sets of as-fitted FSI layout plans
- Testing and Commissioning **(T&C) Checklists**
- FSIs **Equipment List**
 1. Listing certificates/ records/ documents/ printouts from product certification bodies;
 2. FSD approval/ acceptance letters;
 3. Test certificates/ data sheets/ catalogues/ calculations; and
 4. Other necessary technical information.

IMPORTANT DOCUMENT/ INFORMATION REQUIRED FOR INSPECTION

- Approved General Building Plans
- Approved Smoke Control Submission
(Form FSI/314)
- Approval for Fire Engineering Report
(if applicable)

IMPORTANT DOCUMENT/ INFORMATION REQUIRED FOR INSPECTION

- Approval for Non-provision/exemptions of FSI (if applicable)
- Approval for Non-FSI Load Connection (if applicable)
- Approval/License for DG Store (Fuel Tank Room)
- Approval for method statement of FSIs (e.g.
- Extended coverage sidewall sprinkler, long throw sprinkler, hot smoke test, etc.)

FSD CONNECTS WITH THE CONSTRUCTION INDUSTRY EXPERIENCE SHARING ON ACCEPTANCE INSPECTION OF FSI

- FSD Home Page > Fire Protection > Licensing and Certification
- 2017.11.24
https://www.hkfsd.gov.hk/eng/source/licensing/Connects_Construction_Industry_Building_Plan_Acceptance_Inspection_FSI.pdf
- 2018.06.25
https://www.hkfsd.gov.hk/eng/source/licensing/Connects_Construction_Industry_Building_Plan_Acceptance_Inspection_FSI_20180625.pdf



THANK YOU

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