SCDF
The Life Saving Force
. . . for a safer Singapore

Updates on Petroleum and Flammable Materials (P&FM) Regulatory

SCIC Joint-Agency Dialogue Session, 6 Nov 2026

AGENDA

1. Inspection Regime for Petroleum and Flammable Materials (P&FM) Storage Tanks
2. New Class Licensing Regime for Premises Storing P&FM
3. 5-Year P&FM Licence

Inspection Regime for P&FM Storage Tanks

Background

The regulation of P&FM storage tank integrity is an evolving area. As tanks age and operational demands grow, ensuring a robust and risk-proportionate inspection regime remains a regulatory priority.

- **Main Aim**
  - **Ensure P&FM storage tank is fit to use through its operational life**
  - **Recalibrate regulatory control proportional to risk level**
  - **Keep a safe operation without unnecessary shutdowns**

Engagement with P&FM Work Group & SCIC

Understanding Industry's Perspective



Met

- SCDF met the P&FM WG and SCIC recently on 22 Oct 2026 to discuss the inspection regime for P&FM storage tanks.



Exchanged

- The discussion covered internationally standards and how the inspection approach can reflect the condition and risks of in-service tanks.



Aligned

- Our shared objective is to maintain tank integrity and safety while supported by a risk-proportionate inspection approach that is firm and balanced.

Risk-Based Inspection Approach

What are we working towards

1) Evidence-based and Risk-proportionate

- Inspection decisions must be supported by evidence — tank condition, corrosion rates, operating history, and prior findings. The scope and frequency of inspection should reflect each tank's actual risk profile

4) Documented interval checkpoint

- Tank's integrity programme needs to be documented and submitted to SCDF at defined interval checkpoints e.g. every licence renewal application
- This ensure SCDF remains informed of tank's condition and owner's integrity decision at regular intervals



2) International standards

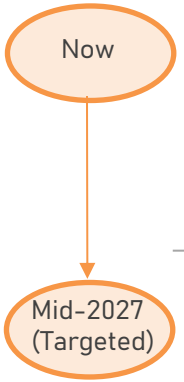
- Integrity programmes should be anchored to recognised standards such as API 653, API510, EEMUA 159 or equivalent.
- This provides a credible and consistent technical basis for inspection decisions and grounded in good industry practice

3) Competent Persons

- Tank owner assembles a competent inspection team to design the integrity programme based on tank's risk profile and service history
- Independent PE review and endorsement

What to Expect

Under Active Review



Reviewing scope requirements	• Consolidating industry feedback and technical considerations to refine the regulatory scope, expectations and inspection framework for P&FM storage tanks
Legislation Amendment	• Updating legislation to formalize the inspection regime, ensuring requirements are clear, enforceable and aligned with industry's practice.
Implementation	• Meeting with SCIC to walk through the requirements and issuing circular to industry

SCDF

The Life Saving Force

. . . for a safer Singapore

New Class Licensing Regime for Premises Storing P&FM

INTRODUCTION TO CLASS LICENSING REGIME

For lower risk P&FM storage premises

- SCDF will implement a new class licensing regime for lower risks P&FM storage premises, (targeted date Q3 2027),
- By introducing class licence into SCDF's regulatory toolkit, SCDF seeks to streamline regulatory requirement without compromising safety standards and allow businesses to reduce compliance costs.

	Full P&FM Storage Licence	[New] Class Licence
Risk Profile	High To Medium	Low
Degree of Stringency	> Meet conditions under P&FM licensing regime > Submit licence application/renewal before licence approval > Enforceable	> Meet conditions under class licensing regime > One time registration and no licence will be issued > Enforceable
Fee	For every application and based on quantity	One time fixed nominal admin fee
Licence Validity	1 to 3 years	No expiry (until revoked/ de-registered)

ELIGIBLE PREMISES FOR CLASS LICENCE

Regime will cover 4 types of premises as a start

1 Construction site

- Temporary work sites
- No public access
- Low risk of fire spread

2 Cat C and D laboratories

- In accordance with “SS641 – Code of Practice for Fire Safety for Laboratories Using Chemicals”
- Cat C labs: Low fire hazard (maximum 500L)
- Cat D labs: Minimal fire hazard (maximum 10L).

3 Petrol station

- Include petrol stations with EV chargers
- Exclude petrol stations that dispense CNG/H2

4 Buildings storing only diesel used for emergency generator

- Exclude data centre

CLASS LICENCE PROCESS

Actions for class licensee and SCDF

1 PRE-ASSESSMENT

- Complete self-assessment qualifications checklist to determine their eligibility for class licence
- Ensures all applicable fire safety and regulatory requirements are met

2 DECLARATION & SUBMISSION

- Make a one-time submission via GoBusiness portal
- Submit a declaration confirming compliance with the Class Licence conditions
- Pay a nominal administrative fee
- An electronic acknowledgement letter will be issued upon successful registration

3 AFTER REGISTRATION

- Premises may commence or continue storing P&FM under the Class Licence
- Submit a new declaration when there are changes to the submitted information

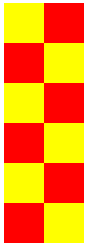
4 SCDF ENFORCEMENT

- SCDF will conduct random audits on Class Licensed premises
- Enforcement action may be taken for non-compliance, including revocation of the Class Licence where necessary

SCDF

The Life Saving Force

. . . for a safer Singapore



5-Year P&FM Licence

WHAT'S CHANGING?

Increased P&FM Licence Validity

WHAT THIS MEANS FOR YOU

Apply once for 5-year licence



- Targeted Q3 2027, all P&FM licences and Hazmat Transport Driver Permit (HTDP) will be issued with a 5-year validity – up from the 1 to 3 years.

- Submit your renewal application **once every 5 years**
- **Lower licence fees** – pay per licence, not per year
- Expected cost savings ranging from 66% to 80% of current licensing costs over the 5 years.

YOUR LICENCE, YOUR RESPONSIBILITIES

Here's what to know during your 5-year licence period

Inspections and conditions

- SCDF continues inspections throughout the licence period, with annual physical inspections for high-risk premises.
- Where inspection findings or document gaps are found during application, SCDF may issue conditions
- You have 6 months to comply with the stated conditions. Once compliance is verified, the conditions are removed from your licence.



Your responsibilities

- Submit updated PE-certified test reports or vehicle inspection certifications if they expire during the licence period.
- Email reminders are sent in batches when tank test reports are nearing expiry. You remain responsible for keeping all required documents valid.
- Update your application through GoBusiness whenever your inventory changes.

COMPLIANCE & ENFORCEMENT

COMPLIANCE IS EVERYONE'S RESPONSIBILITY

1. Licences may be revoked and enforcement action taken for breaches to the licensing conditions, Fire Safety Act or P&FM Regulations

2. Licences which are revoked or expire due to non-renewal will be issued with 1-year licence for 2 consecutive cycles. Reinstatement to 5-year licence only after 2 consecutive years of timely, compliant renewals.

3. For HTDP, revoked permits require a mandatory 1-year waiting period, and re-completion of the Hazmat Transport Driver Course before reapplication.

SCDF will be issuing circulars to industry as each initiative is implemented.

Thank you everyone for your continued partnership and compliance.



THANK YOU

STAY TUNED FOR MORE UPDATES