



消防處

Fire Services Department

# **FSD Connects** **with the Relevant Industries of** **Dangerous Goods**

**25 August 2023**

# AGENDA

Introduction

**Mr. CHAK Ka-chun**

Topic 1: Points to Note for Licence / Approval Application for Fuel Tank Room (FTR)

**Mr. KONG Kei-koi**

Topic 2: Common Errors in Application for Pressure Receptacle

**Mr. CHAU Choi-lung,  
Stephen**

Q & A Session

**All Speakers**



消防處

Fire Services Department

# Points to Note for Licence / Approval Application for Fuel Tank Room (FTR)

## 燃料缸室危險品牌照或批准申請 需要注意的事項

Senior Station Officer

KONG Kei-koi

Dangerous Goods Control Division

Licensing and Certification Command

Fire Services Department

# Objective – Identification and Correction of Common Discrepancies and Irregularities

**Licence / Approval / Exemption**

**Documents**

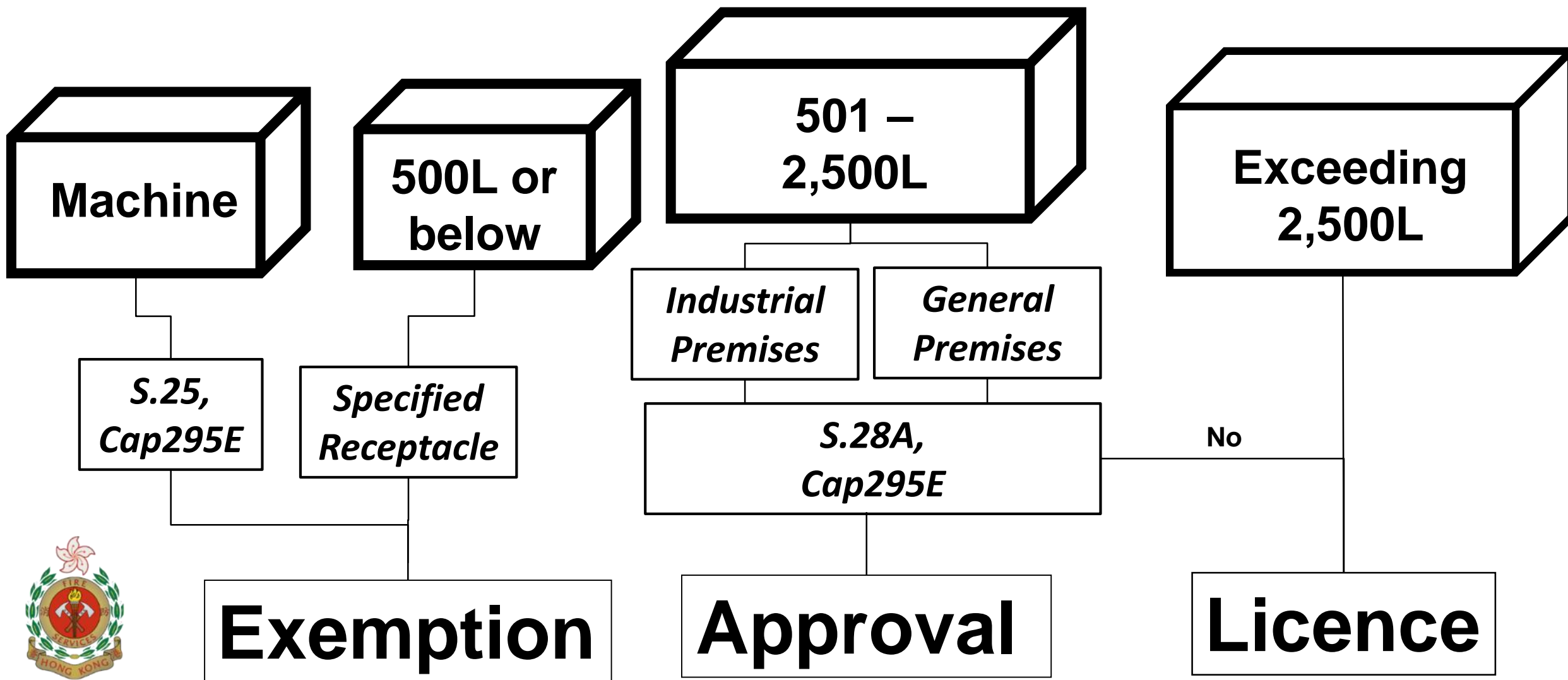
**Drawing**

**Calculation**

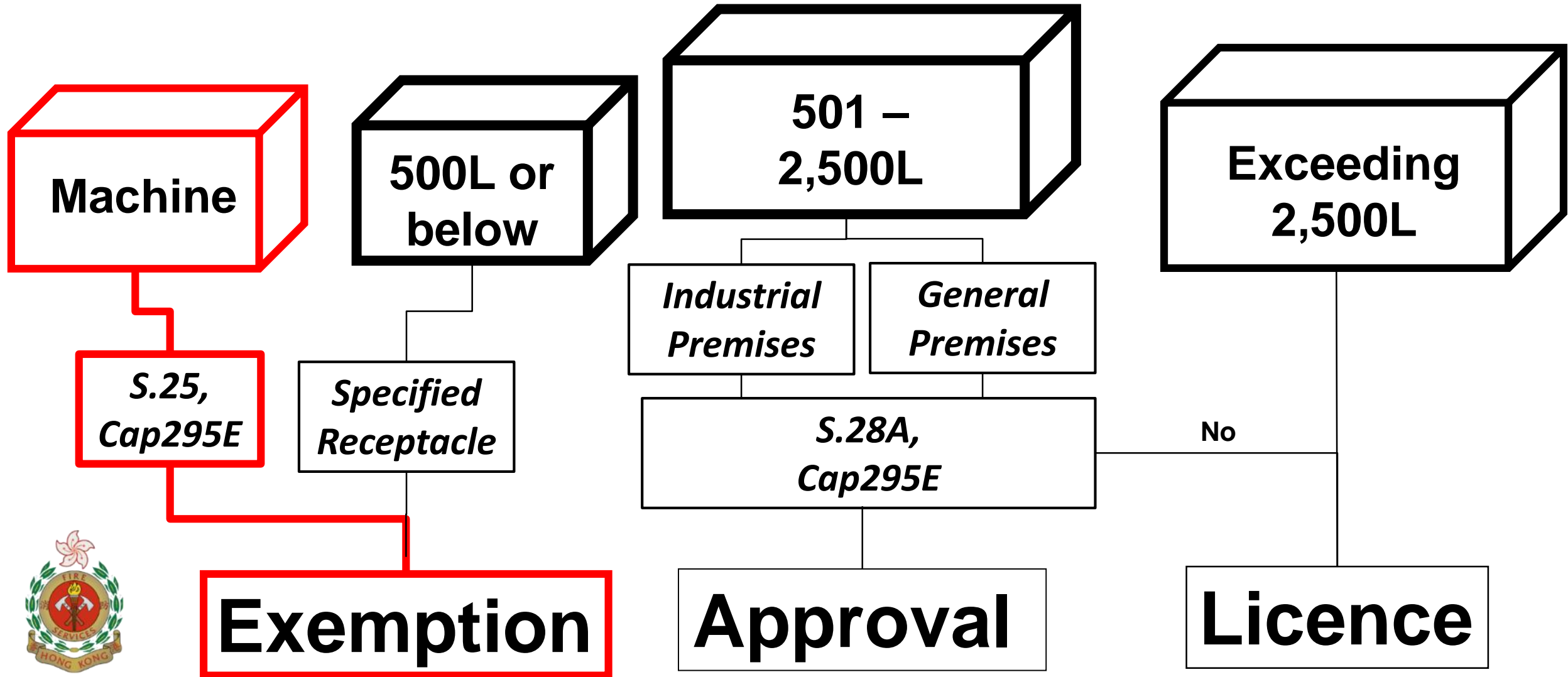
**Inconsistence**



# Exemption / Approval / Licence



# Licence



# Exemption

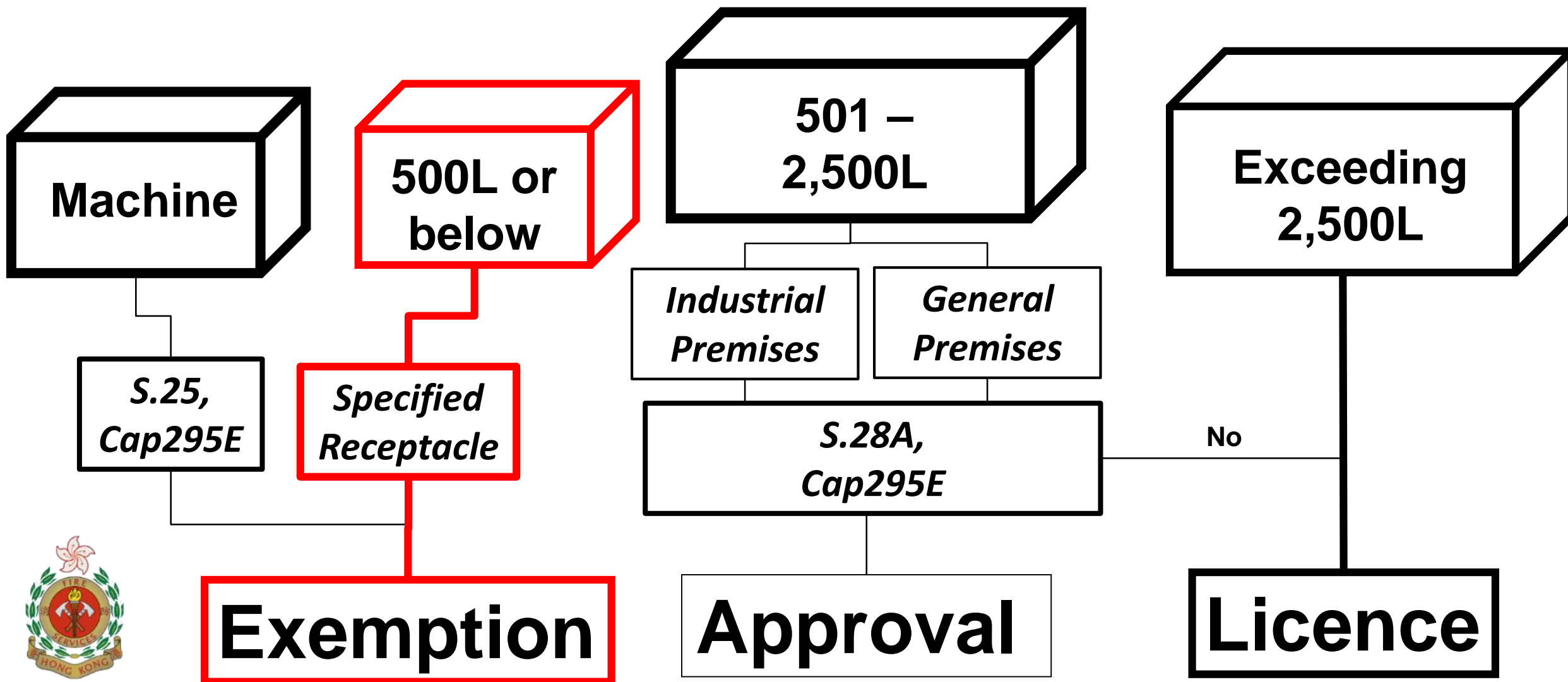
## Cap. 295E Dangerous Goods (Application and Exemption) Regulation 2012

### 25. Schedule 2 dangerous goods forming part of machinery etc.

- A receptacle permanently installed in any machinery
- Forming part of any machinery
- Used or intended to be used for the proper functioning of the machinery

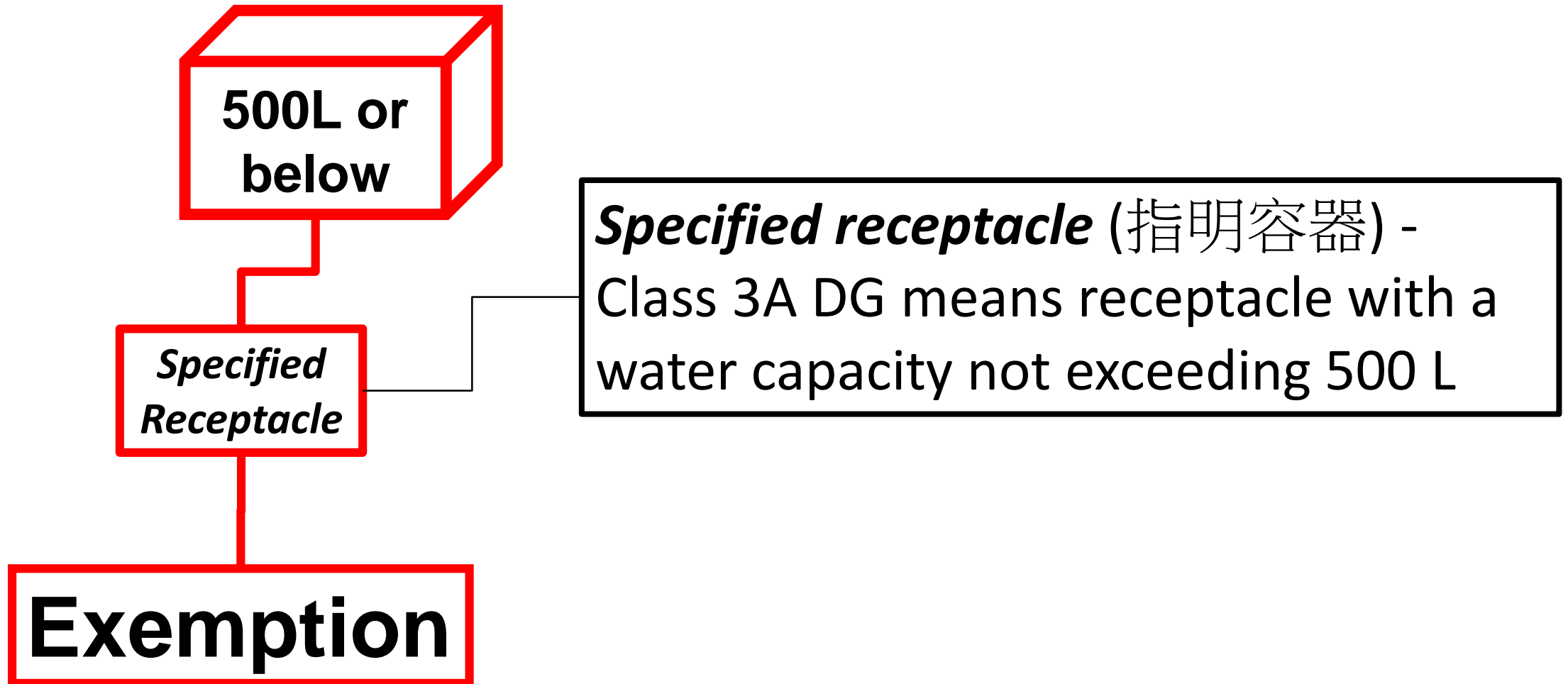


# Exemption

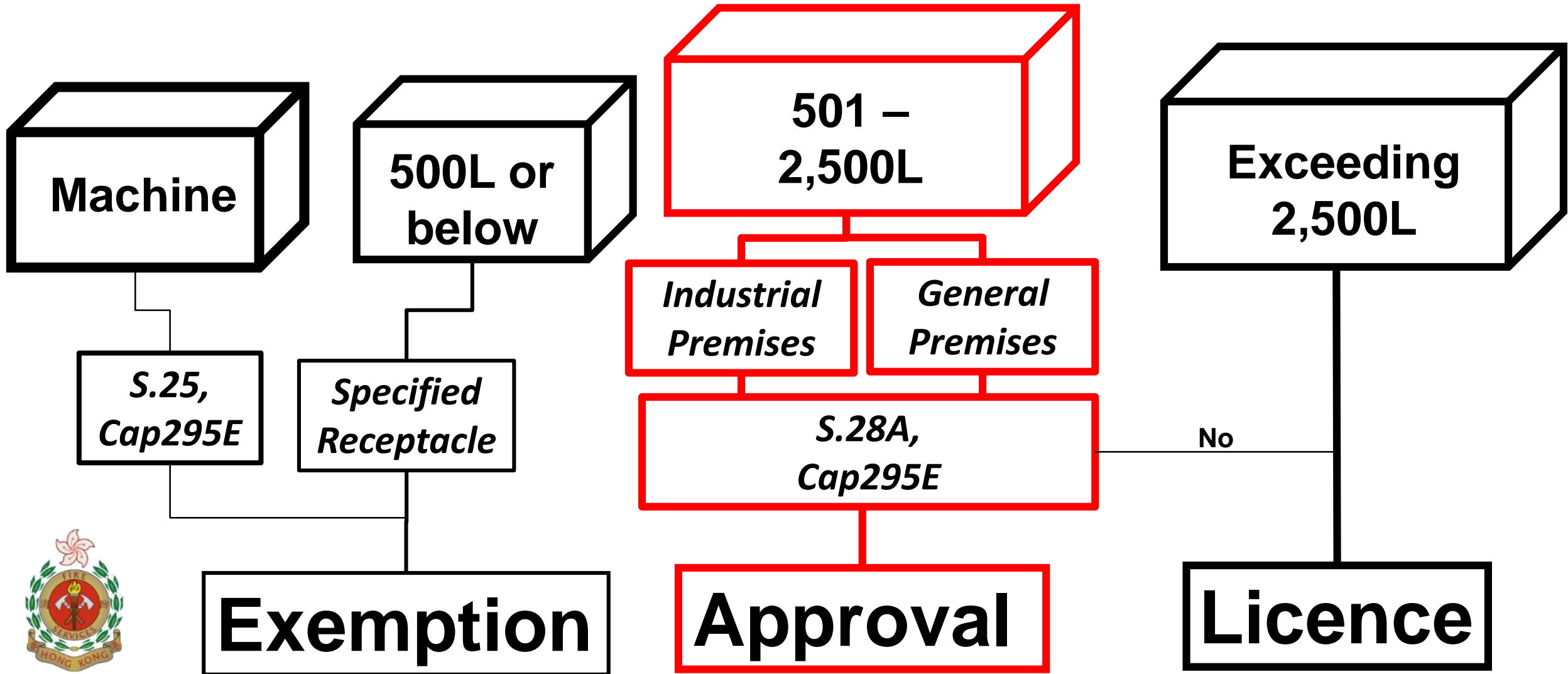




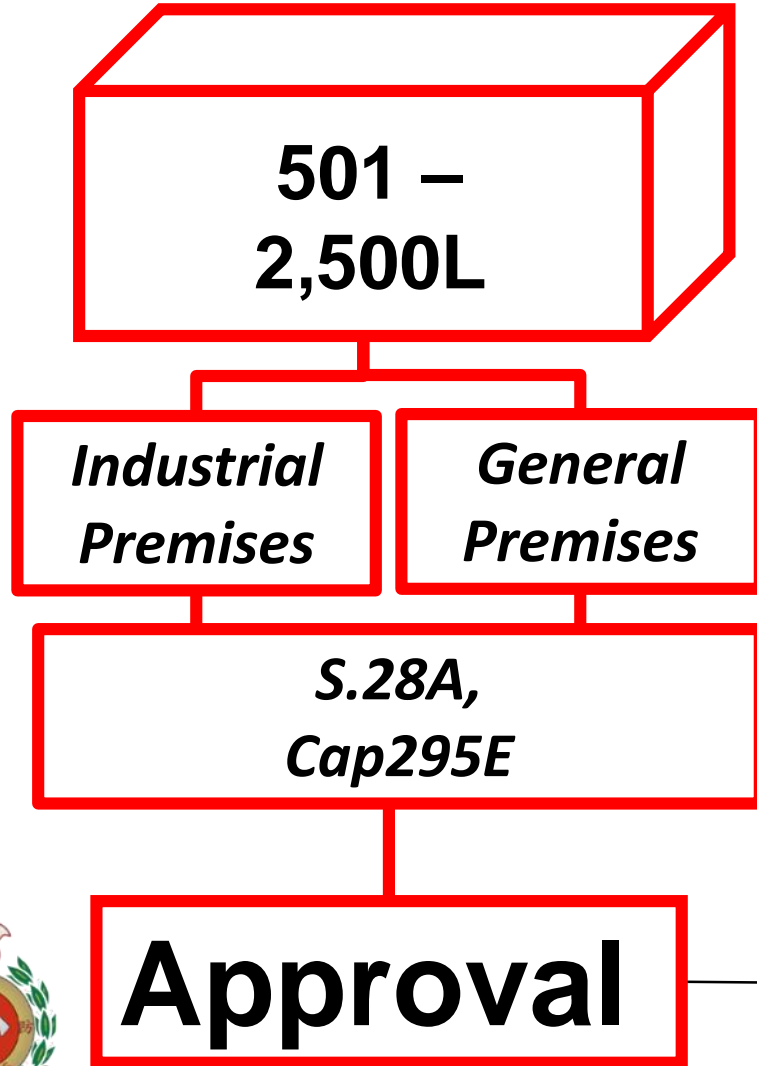
# Exemption



# Approval



# Approval



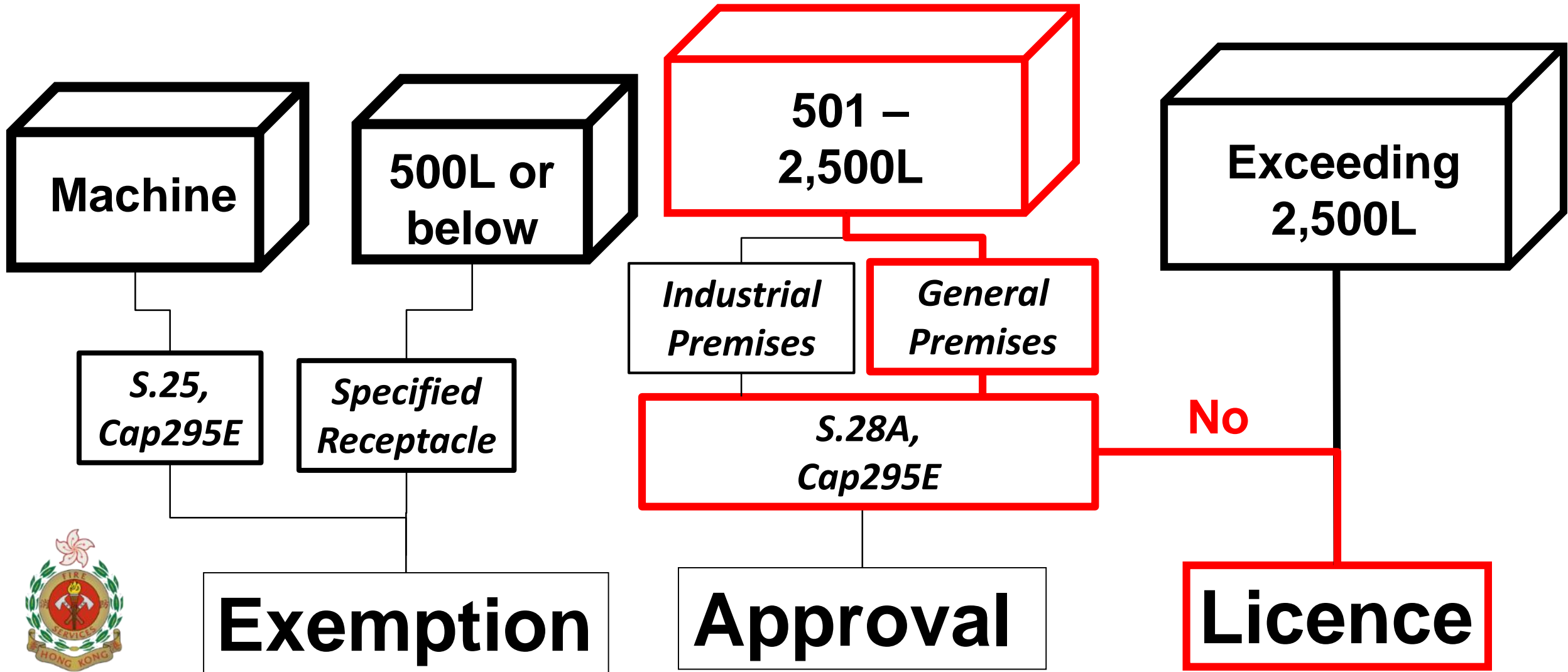
## 28A. Storage and use of Class 3A dangerous goods used as fuel under certain circumstances

- Emergency generator for FSI
- Emergency power backup facility
- Industrial undertaking carried out in industrial premises
- Aggregate quantity does not exceed 2,500L

**Approved tank** (獲准貯槽) means a tank approved by the Director of Fire Services

**Class 3A Premises**  
第3A類處所

# Licence



# Licence

501 –  
2,500L

General  
Premises

S.28A,  
Cap295E

No

Licence

**General Exempt  
Quantity  
(GEQ) :500L**



牌照編號 Licence No. L001234

THE GOVERNMENT OF THE HONG KONG  
SPECIAL ADMINISTRATIVE REGION  
香港特別行政區政府  
Dangerous Goods Ordinance  
Chapter 295  
Section 6 and Section 9  
危險品條例  
第二百九十五章  
第六條及第九條  
STORE AND USE LICENCE FOR SCHEDULE 2 DANGEROUS GOODS (S2DG)  
S2 危險品貯存暨使用牌照

1. Name of the licensee ABC Limited  
持牌人的姓名或名稱

2. Particulars of S2DG permitted to be stored or used  
獲准貯存或使用的 S2 危險品的詳情

UN number/ HK number 聯合國編號/ 香港編號	Proper Shipping Name 正式運輸名稱	Class 類別	Subsidiary Hazard 次要危險性	Packing Group 包裝類別	Maximum quantity for the storage and use in aggregate 總共貯存和使用的最多 分量
i) H301	DIESEL	Class 3A	None	PG III	1,494 litres
ii) H301	DIESEL	Class 3A	None	PG III	1,494 litres
iii) H301	DIESEL	Class 3A	None	PG III	1,437 litres

3. Particulars of the licensed store  
有關持牌貯存所的詳情

(a) Address of the store  
貯存所的地址 38 ABC Road, Sheung Shui, N.T.

(b) Location(s) at which the S2DG may be stored  
可貯存有 S2 危險品的地點: i) A Fuel Tank Room on R/F of Tower 1;  
ii) A Fuel Tank Room on R/F of Tower 2; and  
iii) A Fuel Tank Room on R/F of Tower 8

4. Location(s) at which the S2DG may be used  
可使用有關 S2 危險品的地點: i) Generator Room on R/F of Tower 1; ii) Generator Room on R/F of  
Tower 2; and iii) Generator Room on R/F of Tower 8

5. Prescribed fee for the licence  
牌照的訂明費用 \$870.00

6. Date on which the licence is first granted  
首次批給牌照的日期 25/07/2023

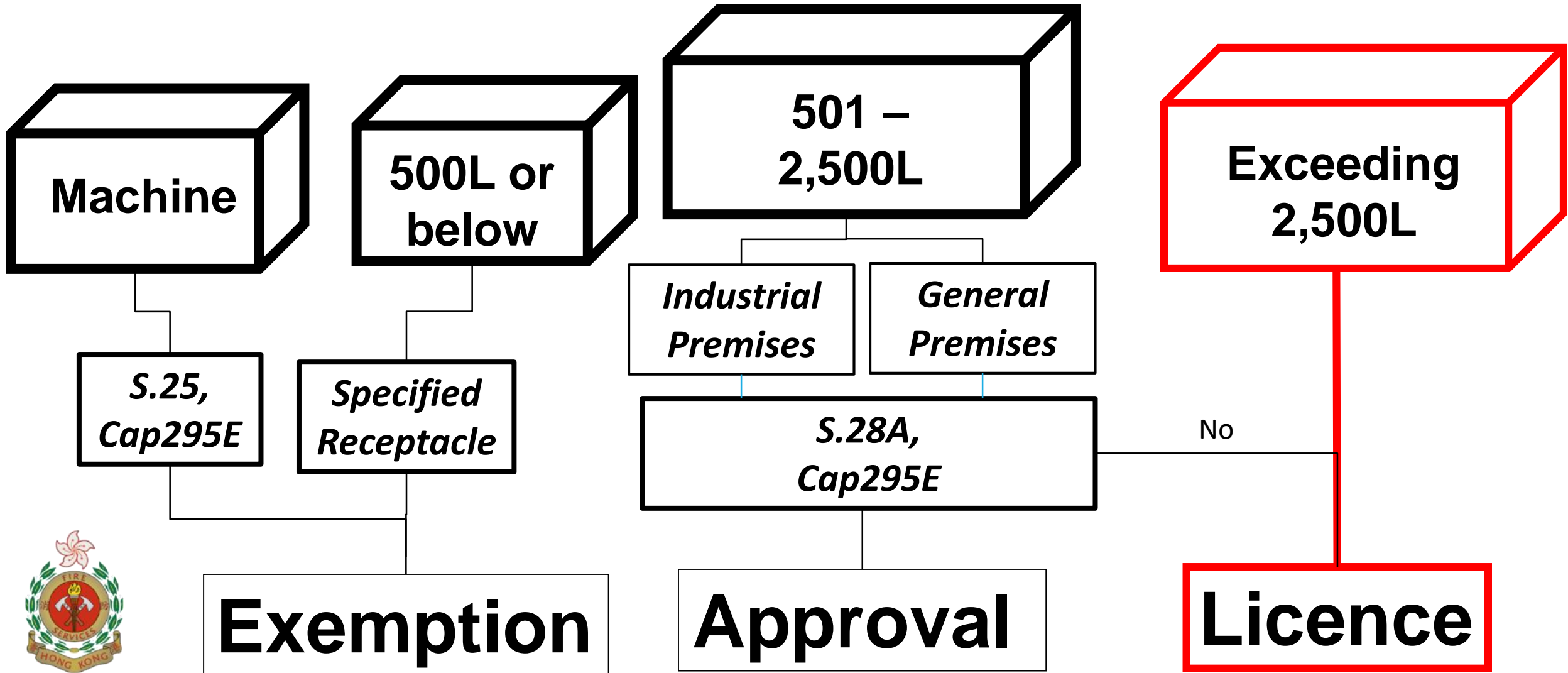
7. Validity period of the licence  
牌照的有效期 25/07/2023 - 24/07/2024

8. This licence is subject to the endorsed conditions overleaf.  
本牌照受後頁已批註的條件所規限。



()   
for Director of Fire Services  
消防處處長  
(代符)

FSD Ref. ( ) in NZN12/83092/D  
消防處檔案編號  
FS 163 (Rev. 4/2022)

# Licence



# Application Procedure

Stage	Procedure	
Pre-Application	General Building Plans (GBP)	 <p>The logo of the Buildings Department, featuring a stylized blue house icon above the Chinese characters '屋宇署' and the English text 'BUILDINGS DEPARTMENT'.</p>
1	Application	 <p>The logo of the Fire Services Department, featuring a red and gold emblem with a torch and crossed axes, surrounded by a laurel wreath and the text 'FIRE SERVICES' and 'HONG KONG'.</p>
2	Issue Fire Safety Requirements (FSR)	
3	Compliance Inspection	
4	Issue Licence/ Approval	



# Application Form

<p>◇ a layout plan in A4 size showing location(s) at which the S2DG may be used 一份以 A4 頁面顯示有關附表 2 危險品使用地點的平面圖 *Please refer to Application Guide for details *詳情請參閱申請指南 #Please submit plan if the location is inexplicable as an address #如無法以地址說明，須提交圖則說明</p>	-	<p>✓ Store and Use Licence 貯存暨使用牌照</p>	<p>✓ Store and Use Licence 貯存暨使用牌照</p>
<p>◇ 2 sets of drawings showing the hazardous area 兩套顯示危險區的圖則 *Please refer to Application Guide for details *詳情請參閱申請指南</p>	-	<p>✓</p>	<p>✓</p>
<p>◇ 2 sets of the following drawings regarding the proposed factory/store, including but not limited to-</p> <p>a) Block plan b) Floor plan c) Section plan d) Elevation plan 兩套有關工廠/貯存所的圖則，包括但不限於</p> <p>a) 樓宇平面圖 b) 樓層平面圖 c) 側面圖 d) 立視圖 *Please refer to Application Guide for details *詳情請參閱申請指南 #Submission of plan is required if there is any alteration to the factory/store #如持牌人對工廠/貯存所作出任何更改，須提交相關圖則</p>	<p>✓#</p>	<p>✓</p>	<p>✓#</p>
<p>◇ a copy of relevant Safety Data Sheet(s) 一份化學品安全技術說明書副本</p>	-	<p>✓</p>	<p>✓</p>

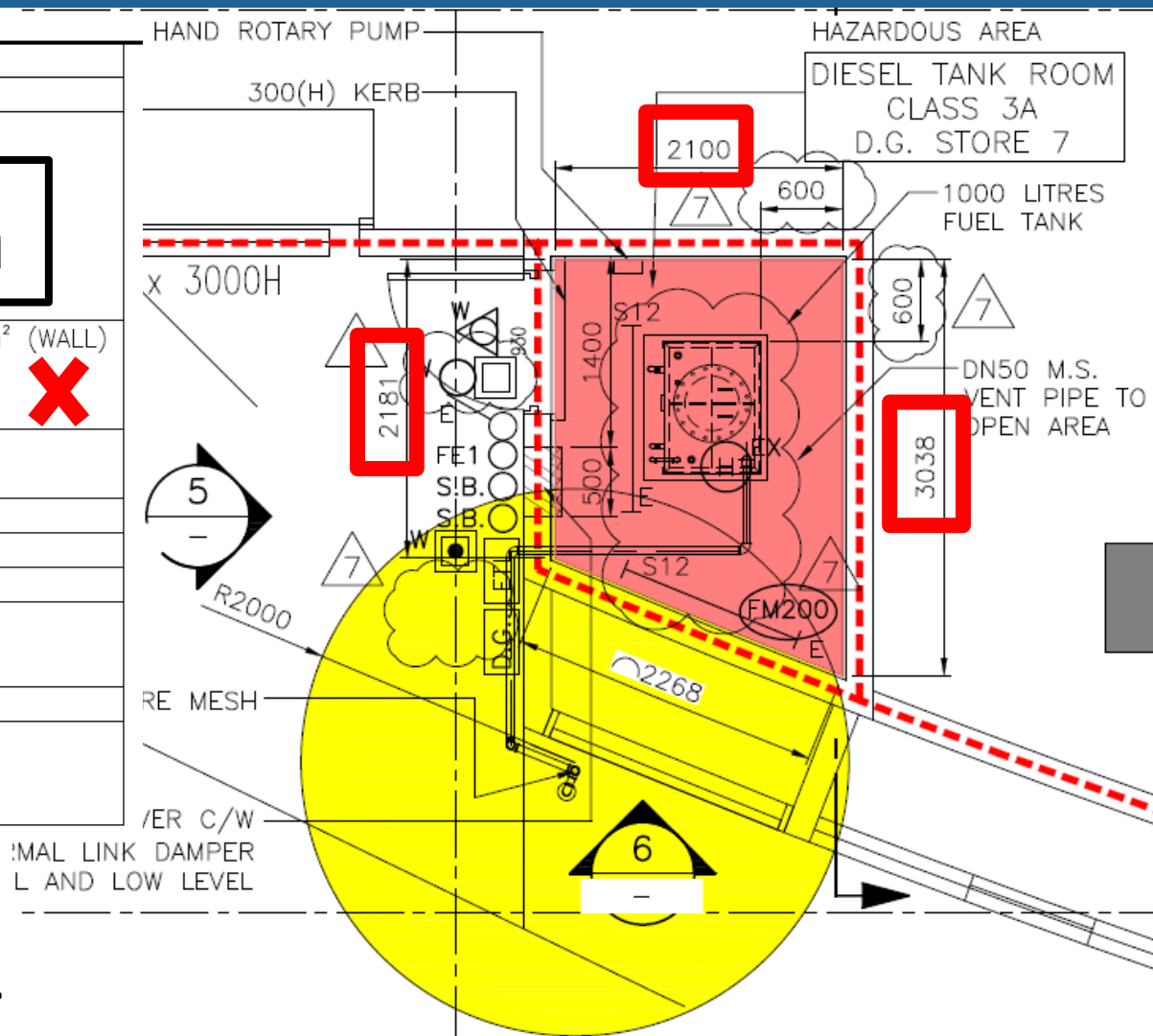


Section E 戊部			
Part 6: Supporting documents 第六部份：證明文件			
The following documents are submitted herewith for application 就此申請夾附下列文件			
	Renewal Application under Cap. 295B/ Cap. 295G 根據第 295B /295G 章申請續牌	New Applicant 新申請人	Licence Application under Cap. 295G 根據第 295G 章申請牌照 Cap. 295B Licensee 第 295B 章牌照持有人
<p>◇ a copy of the applicant's identity proof – HKID card / Business Registration Certificate 一份申請人的身份證明文件副本 — 香港身份證 / 商業登記證</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>◇ a copy of the agent's identity proof – HKID card / Business Registration Certificate (applicable to applications submitted by agent) 一份代理人的身份證明文件副本 — 香港身份證 / 商業登記證 (適用於由代理人辦理的申請) *Please fill in Section F *請填寫己部</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>◇ an authorisation letter from the applicant (applicable to applications submitted by agent) 申請人授權書 (適用於由代理人辦理的申請) *Please fill in Section F *請填寫己部</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>◇ a copy of a Periodic Test Certificate (Form WR2) 一份定期測試證明書(表格 WR2)副本</p>	<p>✓</p>	-	<p>✓</p>
<p>◇ a copy of a Certificate of Fire Service Installations and Equipment (FS 251) 一份消防裝置及設備證書(FS 251)副本</p>	<p>✓</p>	-	<p>✓</p>
<p>◇ a copy of annual inspection report for test and inspection performed, in respect of tanks or pipelines used for storage of gases, by persons approved by the Fire Services Department 一份消防處認可的人士檢測貯槽 / 氣體管道裝置周年檢驗報告副本</p>	<p>✓</p>	-	<p>✓</p>
<p>◇ a written explanatory statement supplemented with diagram(s), if applicable, demonstrating the way of manufacture of the S2DG 一份有關附表 2 危險品的製造方法陳述書及圖解副本(如適用)</p>	-	<p>✓ Manufacture Licence 製造牌照</p>	<p>✓ Manufacture Licence 製造牌照</p>



# Common Discrepancies and Irregularities

STORE	NO.7
D.G.. CATEGORY	CLASS 3A
EXACT QUANTITY OF CHEMICAL	1000L OF DIESEL
<b>Incorrect Calculation</b>	
TOTAL AREA OF WALL AND ROOF	(2.1+3.038+2.268+2.181)x3.875=37.150m <sup>2</sup> (WALL) 5.4932m <sup>2</sup> (ROOF) TOTAL=37.150m <sup>2</sup> +5.4932m <sup>2</sup> =42.6432m <sup>2</sup> ❌
AREA OF LOUVER FOR TOTAL VENTILATION AREA	0.5x0.5x2=0.5m <sup>2</sup>
LOUVER AREA : TOTAL AREAS	0.5/42.6432=1.17%
FLOOR AREA (m <sup>2</sup> )	5.4932
CONTAINING FLOOR AREA (m <sup>2</sup> )	5.4932
RETAINING CAPACITY (CONTAINING VOLUME FLOOR AREA x SILL)	5.4932x0.3=1.6479m <sup>3</sup> (L) ❌ (1.6479m <sup>3</sup> > 1000Lx110%)
INTERNAL VOLUME (m <sup>3</sup> )	
VENTILATION RATIO : {LOUVER AREA / [(WALL LEHGH x HEADROOM) + FLOOR AREA]} x 100	{0.5/[(9.587x3.875)+5.4932]}x100=1.17% ❌

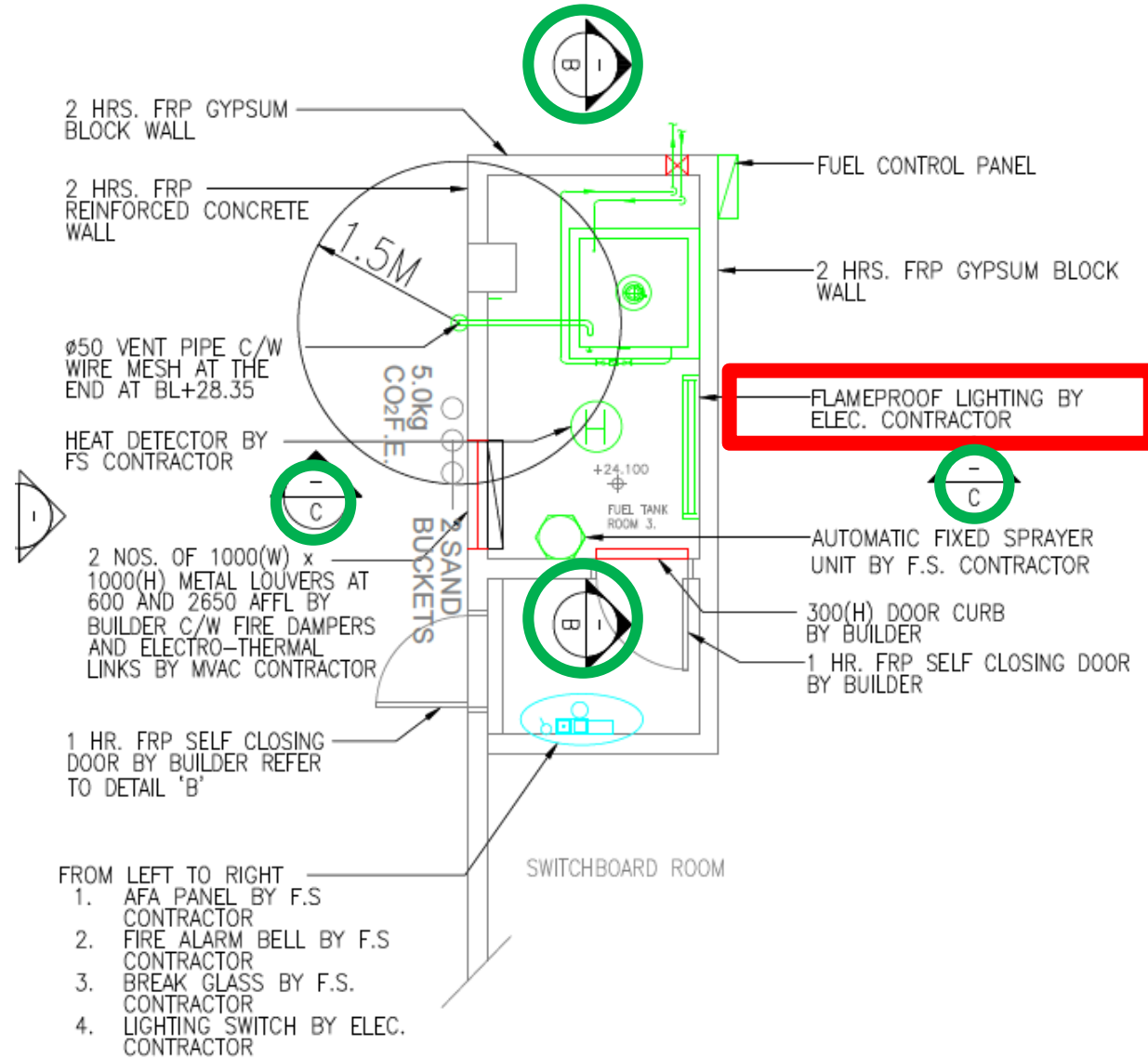


$$\frac{(3.038+2.181) \times 2.1}{2} = 5.479\text{m}^2$$

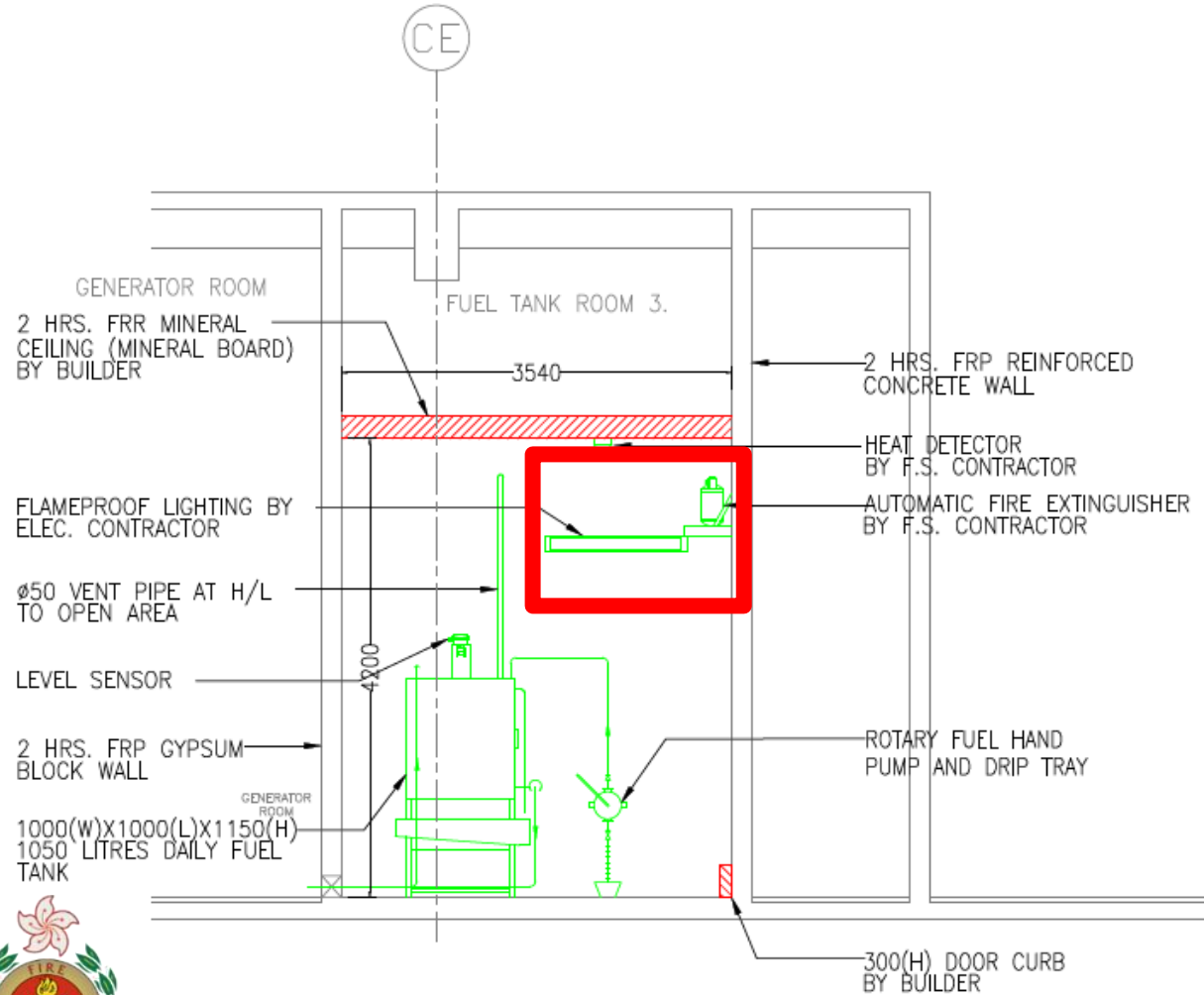
GROUND FLOOR PLAN

1:50@A1

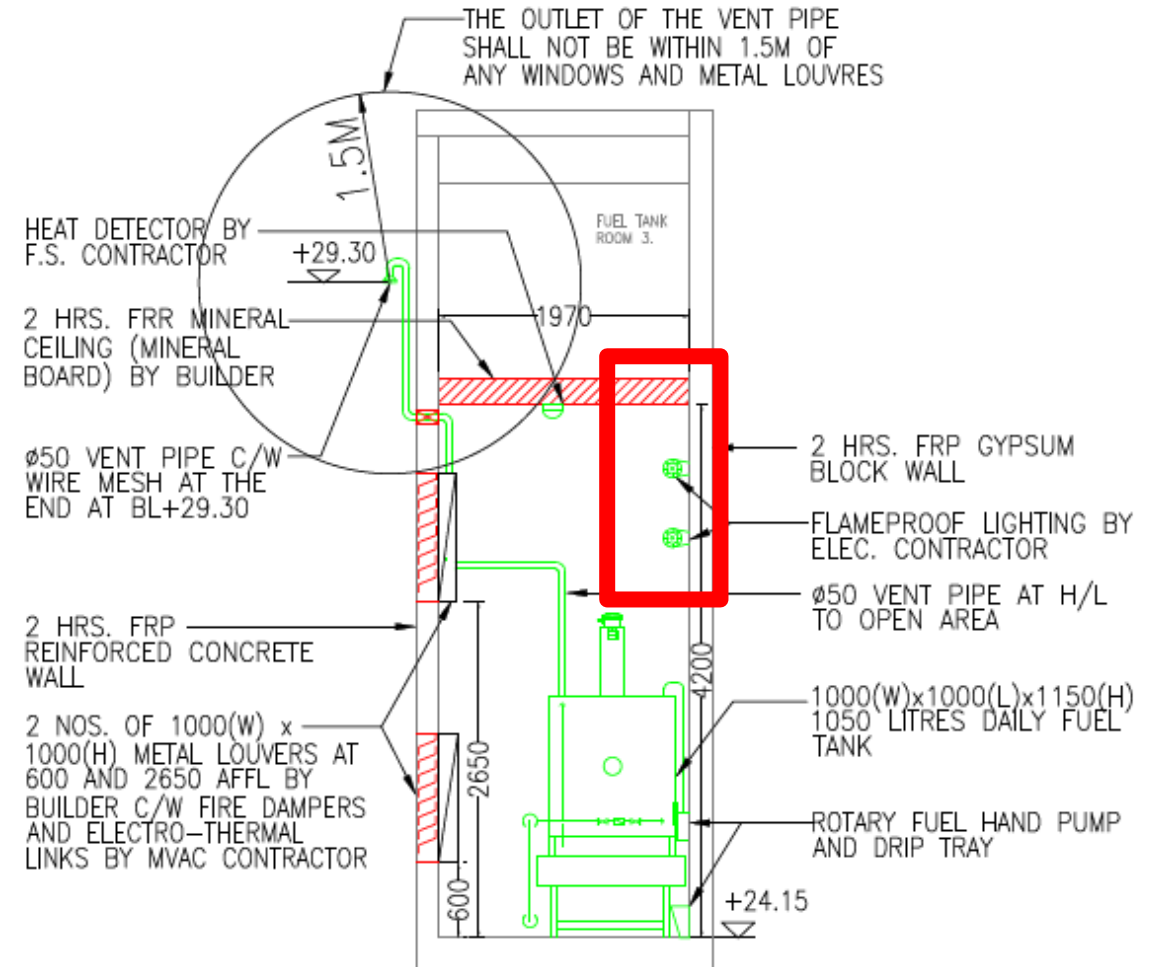
# Common Discrepancies and Irregularities (Inconsistent Drawings)



# Common Discrepancies and Irregularities (Inconsistent Drawings)



SECTION B-B



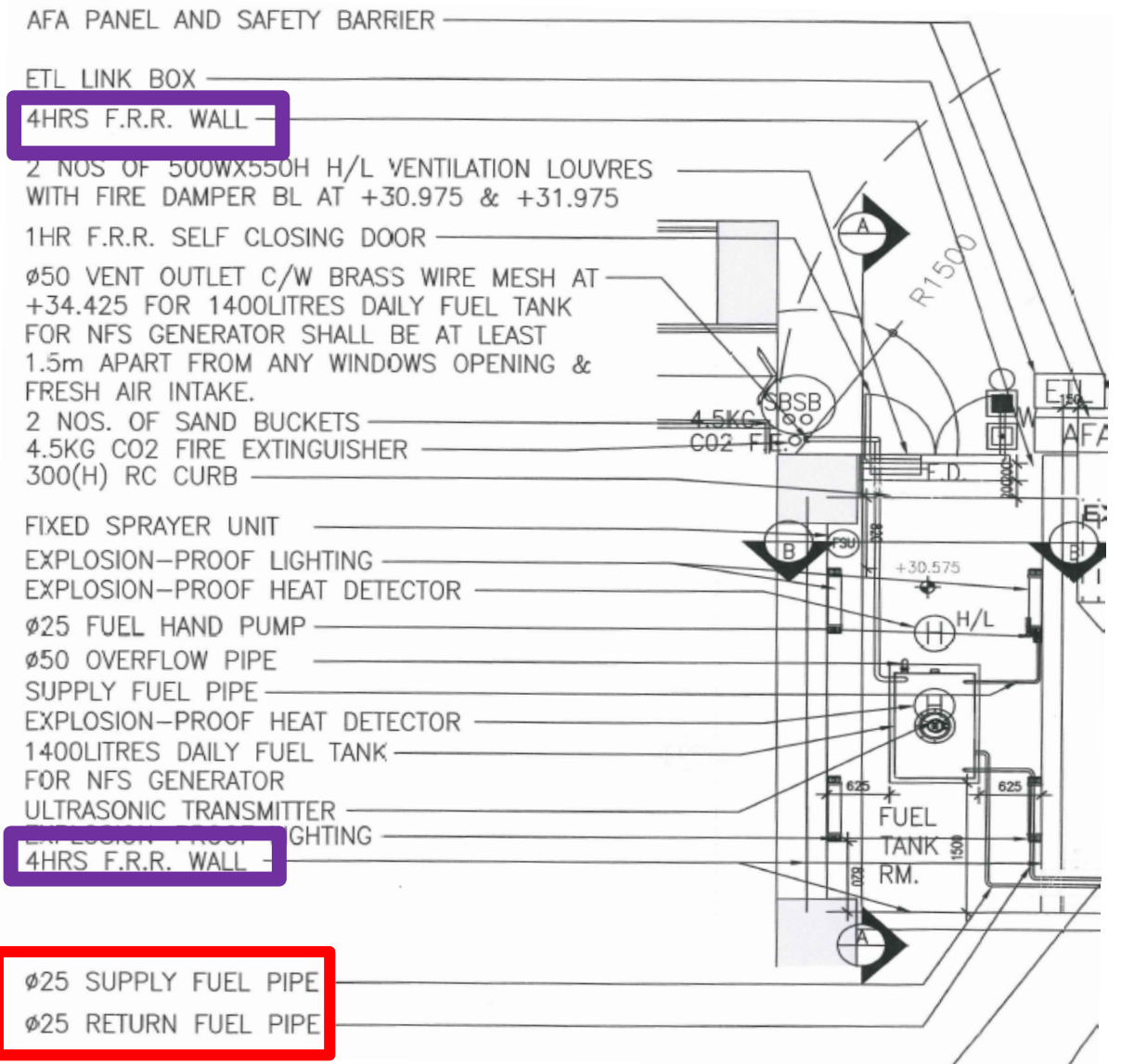
SECTION C-C



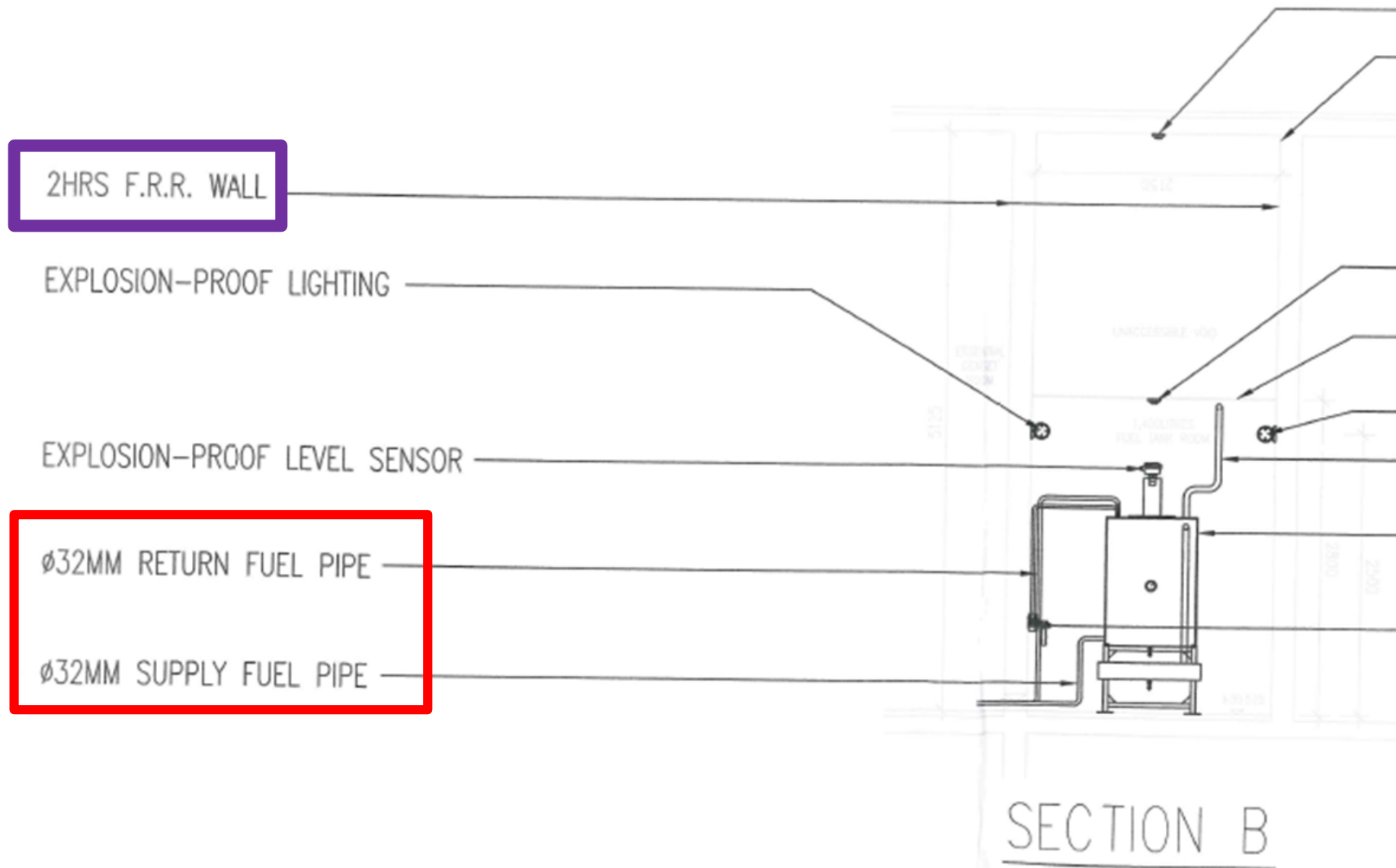
# Common Discrepancies and Irregularities (Inconsistent Information)

## Inconsistent Measurement

- Size of Supply & Return Pipe
- Fire Resistant Rating of Enclosure Wall



# Common Discrepancies and Irregularities (Inconsistent Information)





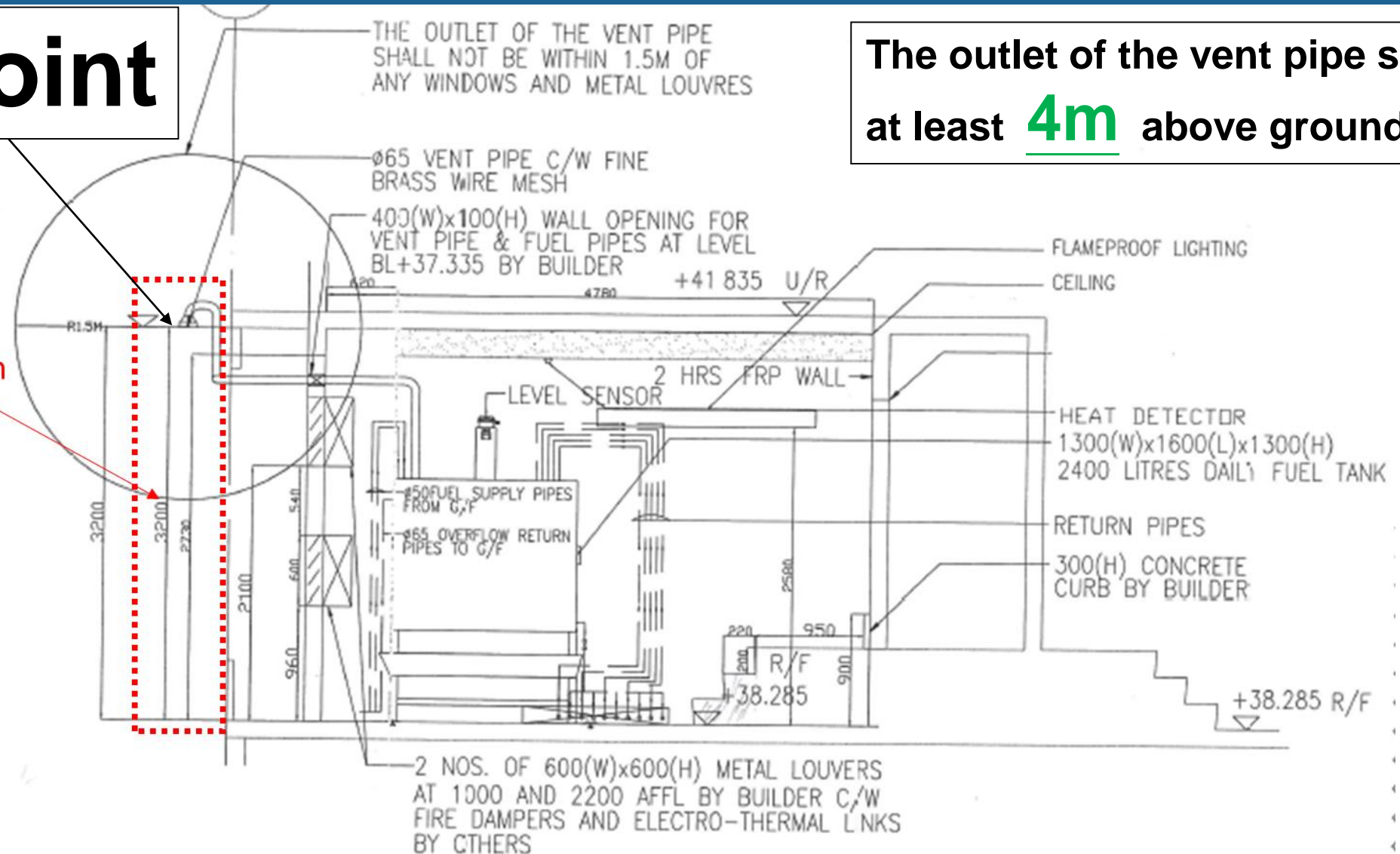
# Common Discrepancies and Irregularities

## Vent Point








The outlet of the vent pipe sited at least 4m above ground level










3200mm



# Common Discrepancies and Irregularities (Inconsistent Information)

	CONTAINER FOR ETL
	AUTOMATIC FIRE ALARM PANEL
	EXPLOSION-PROOF HEAT DETECTOR
	FIXED SPRAYER UNIT
○SB	SAND BUCKET
○4.5KG C02 F.E.	4.5KG C02 FIRE EXTINGUISHER
	ALARM BELL
	BREAKGLASS UNIT(WEATHERPROOF)
	FIRE DAMPER /W ETL

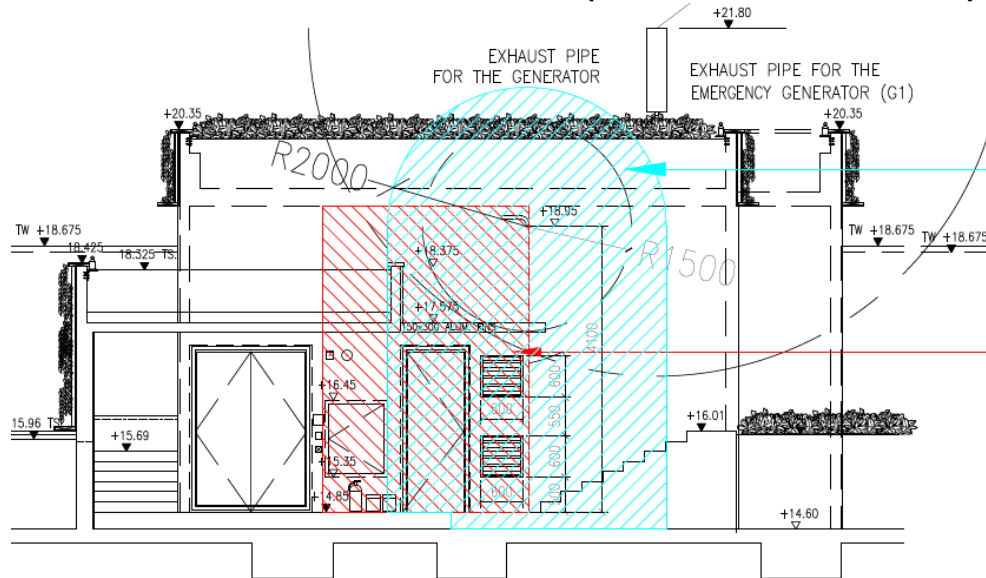
## LEGEND

	CONTAINER FOR ETL
	AUTOMATIC FIRE ALARM PANEL
	EXPLOSION-PROOF HEAT DETECTOR
	FIXED SPRAYER UNIT
○SB	SAND BUCKET
○4.5KG C02 F.E.	4.5KG C02 FIRE EXTINGUISHER
	ALARM BELL
	BREAKGLASS UNIT(WEATHERPROOF)
	FIRE DAMPER /W ETL



# Common Discrepancies and Irregularities (Hazardous Area)

- Every part of the Fuel Tank Room
- 2m radius around tank venting point extending to ground / floor level
- Electrical Installations (BS EN60079)



Elevation Plan



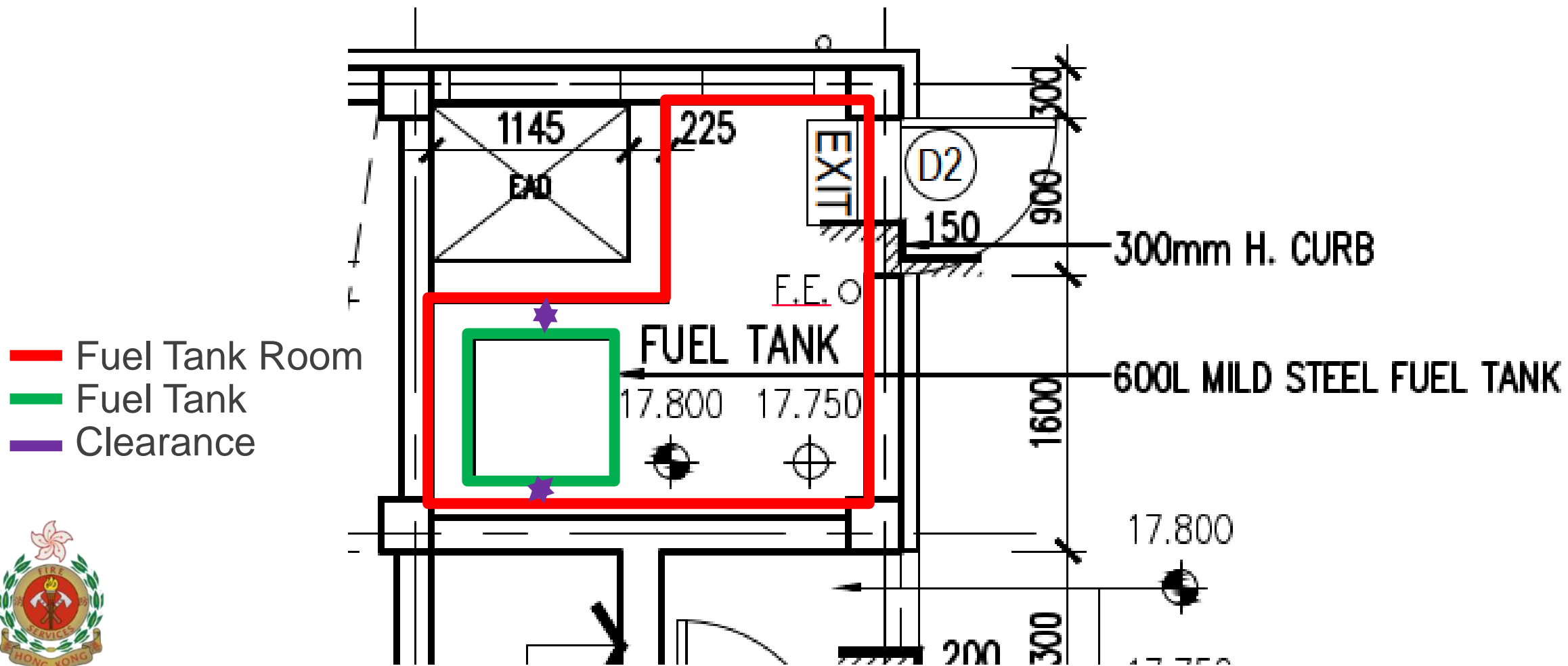
Layout Plan





# Common Discrepancies and Irregularities

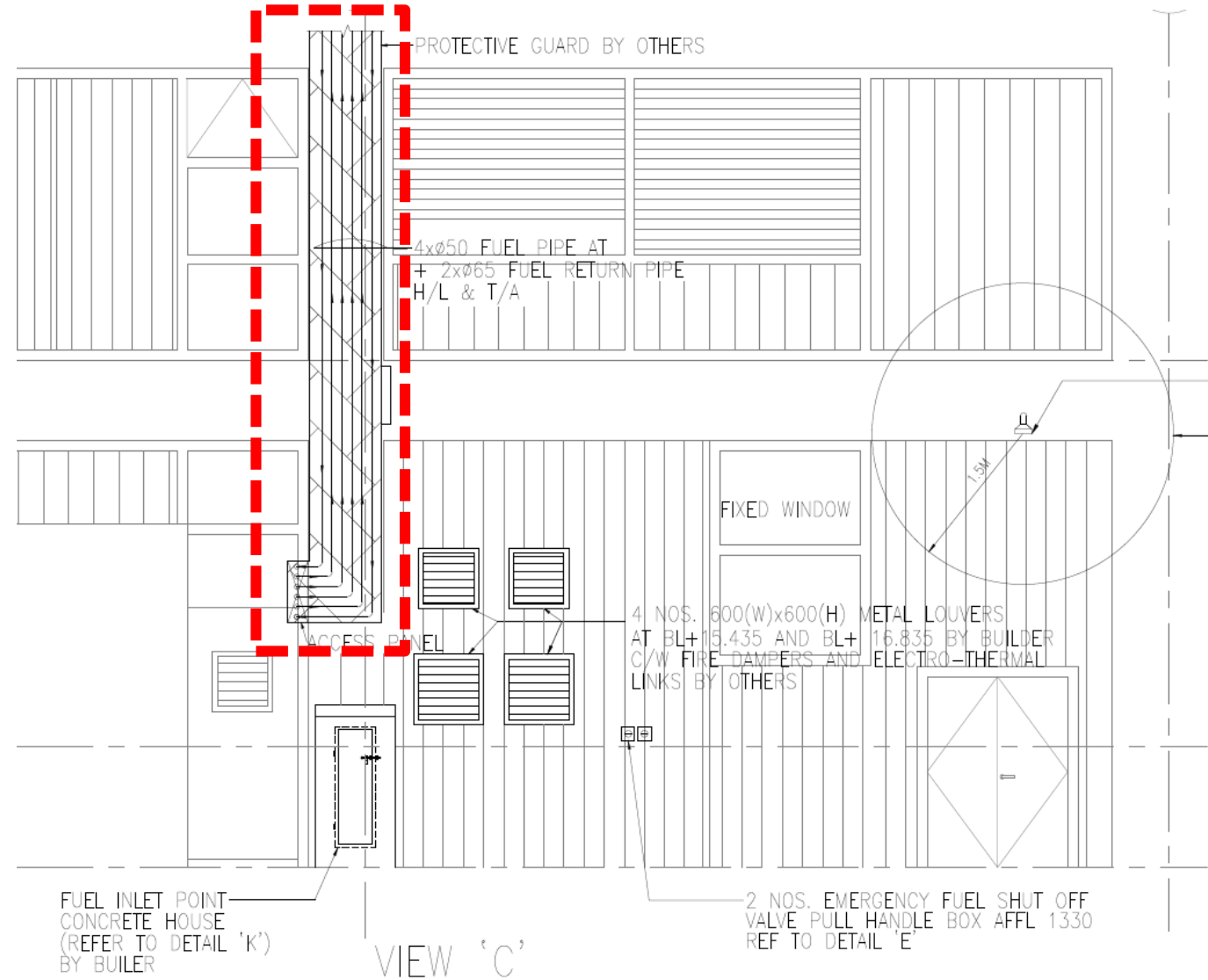
## Insufficient Clearance



# Common Discrepancies and Irregularities

## Routing of Fuel Pipe

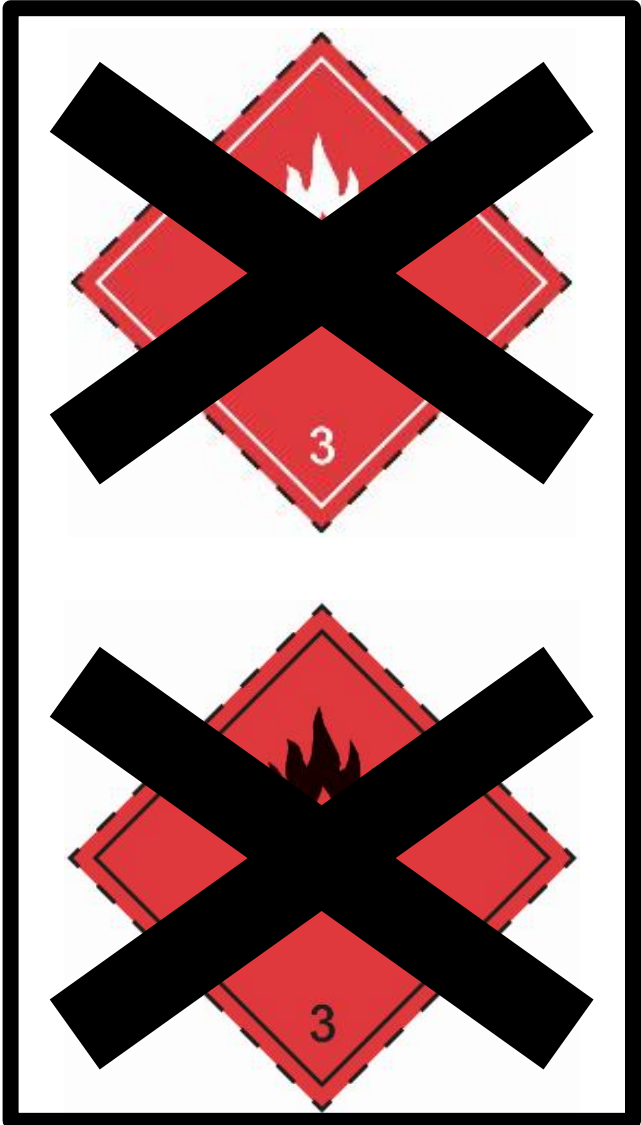
- Running inside building ❌
- Passing through means of escape ❌
- Passing through common area ❌
- Passing through floors ❌
- External wall ✓



# Common Discrepancies and Irregularities (Wrong Signage)



# Common Discrepancies and Irregularities (Wrong Signage)



# Common Discrepancies and Irregularities (Wrong Signage)



## Facilitate FTR Application

- **RECOMMEND** applicant to attend workshop
- **PROVIDE** comprehensive one-stop service

***Hotline: 2417 5757***



# Dangerous Goods Thematic Website

## ***A Guide to Application for Dangerous Goods Licence and Approval***



2.2.15 Points to Note for  
Fuel Tank Room (FTR) P.76-80



A Guide to Application for  
Dangerous Goods Licence and Approval  
(for Class 2 to Class 9A Dangerous Goods  
Excluding Liquefied Petroleum Gas and Other Gases under  
Gas Safety Ordinance, Cap. 51, Laws of Hong Kong)

Fire Services Department  
02/2023



# E-Application

## Electronic Submission of Application for Dangerous Goods Licence / Approval is now available on



GOVHK  
香港政府一站通



GovHK 香港政府一站通



### 附表2危險品製造牌照/ 附表2危險品貯存暨使用 牌照的更改/取消

SC-605-3-FSD030-002

#### 2) 申請表

##### 申請類別

- 根據第 295G 章《危險品(管制)規例》申請更改牌照
- 根據第 295G 章《危險品(管制)規例》申請取消牌照

##### 持牌人資料

持牌人為 \*

- 個人  獨資業務  合股業務
- 公司

牌照编号 \*





消防處

Fire Services Department

# Common Errors in Application for Pressure Receptacle

## 申請批准壓力氣體容器的常見問題

Senior Station Officer

CHAU Choi-lung, Stephen

Dangerous Goods Enforcement Division

Licensing and Certification Command

Fire Services Department

# Table of Contents

- ❑ **Application for Pressure Receptacle Approval under Cap. 295G**
- ❑ **Application Procedure**
- ❑ **E-Application Form**
- ❑ **Efficient Application**



# Legislation

## s.145, Cap 295G, Dangerous Goods (Control) Regulation

- ❑ The amended Dangerous Goods Ordinance and its subsidiary legislation has come into effect on 31 March 2022
- ❑ No person shall use, or cause or permit to be used, for the storage of any gas, any cylinder or other container except of a type appropriate to the storage of such gas and approved by the Authority.



Approved by the Director



Inspected or tested by an approved person



# Example



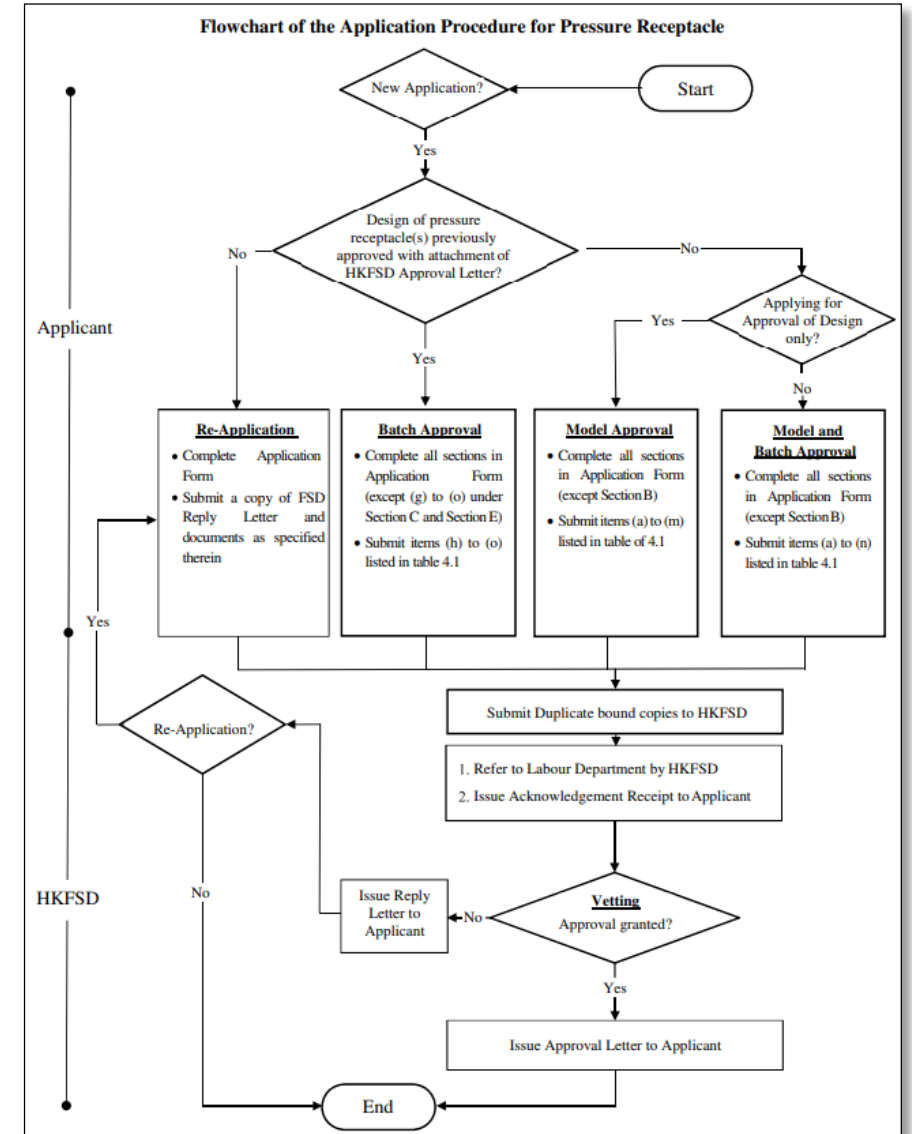
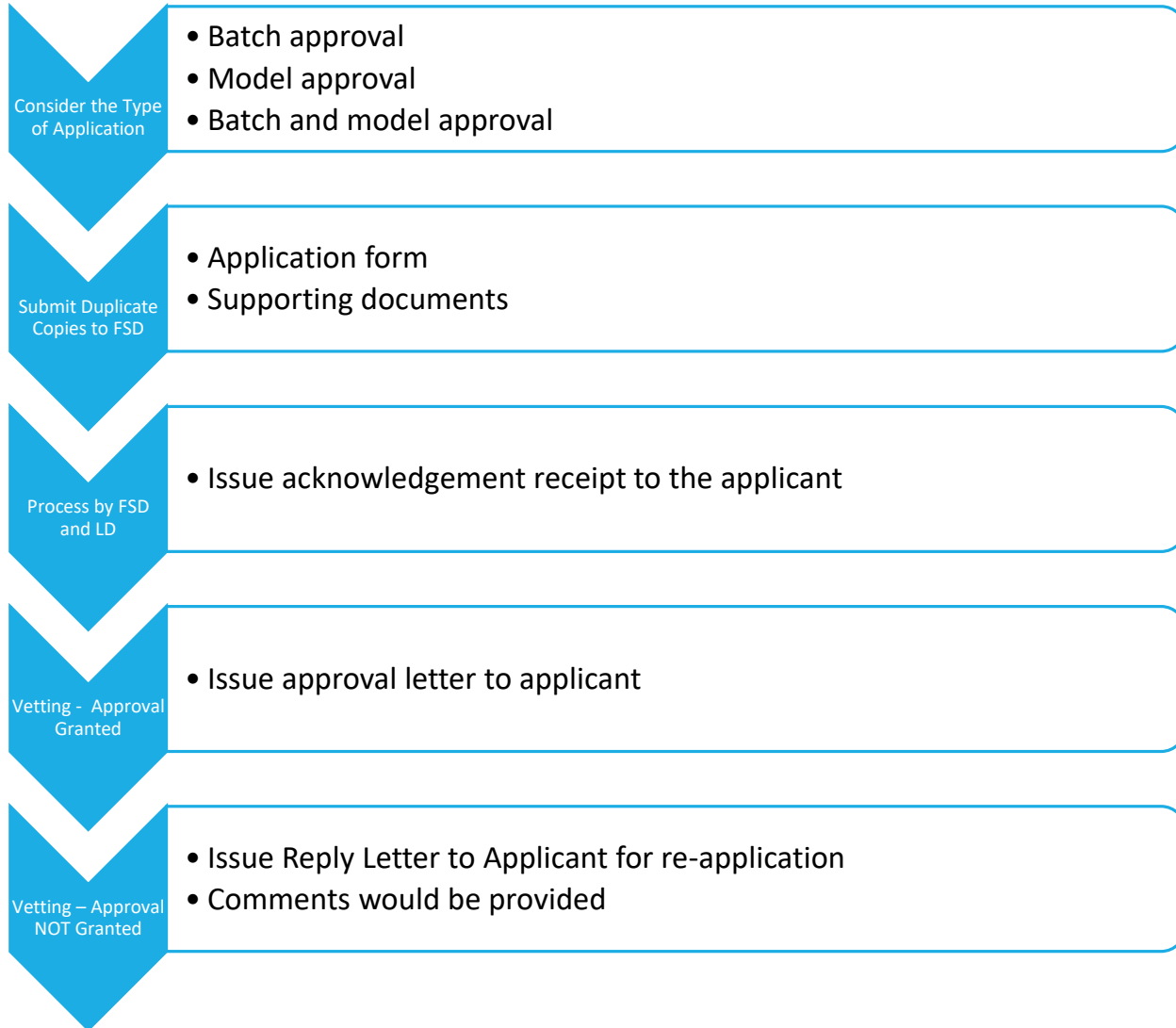
Pressure receptacles on tube trailer



VIE tank



# Application Procedure





# E-Application

- Visit

<https://es.hkfsd.gov.hk/dg/en/>

- Pressure Receptacle

- E-Application Form for Pressure Receptacle Approval

The screenshot displays the Fire Services Department website. The top navigation bar includes the department's logo and name, along with language options (EN 繁體) and a home icon. A main banner features a blue ribbon announcing 'The Amended Dangerous Goods Ordinance' effective from March 31, 2022. Below the banner is a search bar for dangerous goods. A large red navigation menu is overlaid on the right side, containing icons and text for: Regulation of Dangerous Goods, What are Dangerous Goods?, Packing, Marking and Labelling, Licence, Pressure Receptacle, Information and Statistics, Frequently Asked Questions, and Contact Us. The 'Pressure Receptacle' option is highlighted. Below the menu, a 'Video' section is visible. The main content area is titled 'PRESSURE RECEPTACLE' and contains a breadcrumb trail: Home > Pressure Receptacle > Approval Application > Application Form for Pressure Receptacle Approval. A search bar is present, and a list of links is shown, including 'Guidelines on the Application for Pressure Receptacle Approval' and 'Application Form for Pressure Receptacle Approval'. The latter link is highlighted in red and includes a red circular icon with a white document symbol. A red circular icon with a white flame symbol and the text 'DANGEROUS GOODS' is located in the bottom right corner.



# E-Application Procedure

- Type of Application
- Applicant Information

**Type of Application to be Submitted**

Type of Application to be Submitted \*

New Application

Re-Application

---

**Type of Application for Approval**

Type of Application for Approval \*

Model approval

Batch approval

Model and Batch approval

---

**Section A - Applicant Information**

Company Reference No. (If available)	Applicant Name *	Company Name *
<input type="text"/>	<input type="text"/>	<input type="text"/>
Address Type *	Contact Person Name *	Telephone No. *
<input type="radio"/> Hong Kong Address	<input type="text"/>	<input type="text"/>
<input type="radio"/> Non Hong Kong Address		
Fax No.	E-mail Address *	
<input type="text"/>	<input type="text"/>	




# E-Application Procedure


- ❑ Only for batch approval
- ❑ Previous approval


**Section B - Model of pressure receptacle previously approved by the FSD**

FSD File Ref.  in FP L/M  LIFIPS No.

FSD Approval Date  

Design Drawing No.

Pressure Receptacle	Rev.	Date
<input type="text"/>	<input type="text"/>	<input type="text" value="YYYY-MM-DD"/> 

Valve	Rev.	Date
<input type="text"/>	<input type="text"/>	<input type="text" value="YYYY-MM-DD"/> 





# E-Application Procedure

- Manufacturer Name
- Manufacture Date
- Serial No.
- Drawing No.
- UN No.
- Gas Details
- Working Pressure
- Filling Ratio



**Section C - Information of Pressure Receptacle**

**Manufacturer Name \***

**Address Type \***

Hong Kong Address

Non Hong Kong Address

**i** If applying more than one batch of pressure receptacle(s), please press Add Line button.

# 1

**Manufacture Date \***

YYYY-MM-DD

**Serial No. \***

From  To  Except

Total

**Add Line**

**Total No. \***  **Model No.**

**Design Drawing No. \***  **Rev. \***  **Date \*** YYYY-MM-DD

**Type \***  Cylinder  VIE Tank  Other

**Classification of Gas \***  Class 2.1 - Flammable  Class 2.2 - Non-flammable, non-toxic  Class 2.3 - Toxic

**Condition of Gas \*** Please Choose ...

**Gas(es) Details/UN No. \***  **Type of Body Material \*** Please Choose ...  **Size/Water Capacity \*** Litre

**Working Pressure \*** Bar  MPa  PSI

**Filling Ratio**  **Filament-wound composite receptacles \***  Yes  No

# E-Application Procedure

- Independent Inspection Authority
- Standard and specifications
- Testing Pressure
- Report No.
- Date
- Test Result



## Section D - Testing and Inspection Information of Pressure Receptacle(s)

Test Report No. \*



If applying more than one batch of pressure receptacle(s), please press Add Line button.

#

1

Independent Inspection Authority/Body \*

Standards/Specifications \*

Testing Pressure \*

Inspection Report No. \*

Date \*

Physical Test \*

Chemical Analysis of Material \*

Other Test Report

Name

No.

Date

Name

No.

Date

# E-Application Procedure

- Drawings
- Manufacturer
- Working Pressure
- Periodic Test

## Section E - Valve Specification

Drawing No. \*

Rev. \*

Date \*

Manufacturer \*

Model No. \*

Design Specification/Standard \*

Working Pressure \*

Inlet Threads Specification \*

Material \*

Suitable for Gas(es) \*

## Section F - Specification of Periodic Test

The Periodic Test of the pressure receptacles would be conducted in accordance with \*

- Testing Standard
- Code of Practice for Control of Dangerous Goods on Land



# Supporting Documents for Application

Item	Supporting Document	New Application			Re- application / Submission of Supplementary Information
		Model	Batch	Model and Batch	
(a)	Model and Design of Receptacle(s)	✓		✓	As specified in FSD's Reply Letter
(b)	Technical Details and Drawing(s)	✓		✓	
(c)	Design Specification and Calculation	✓		✓	
(d)	Gas(es) Details	✓		✓	
(e)	Valve Specification	✓		✓	
(f)	For filament-wound composite receptacle (if applicable):	✓		✓	
	(i) Life extension plan;				
	(ii) NDE scheme; and				
	(iii) Maintenance manuals				
(g)	Product Catalogue (if applicable) of:	✓		✓	
	(i) Pressure Receptacle				
	(ii) Valve				
(h)	Manufacturer's Certificate	✓	✓	✓	
(i)	Inspection Report issued by recognized independent inspection authority/body	✓	✓	✓	
(j)	Report of Physical Test	✓	✓	✓	
(k)	Report of Chemical Analysis of Material	✓	✓	✓	
(l)	Other Test Report(s)	✓	✓	✓	
(m)	Details of any heat treatment	✓	✓	✓	
(n)	Serial numbers of Pressure Receptacle(s)		✓	✓	
(o)	Previous FSD's approval letter(s) for respective model/design of respective Pressure Receptacle(s)		✓		
(p)	Other documents requested by FSD (if any)				
(q)	Copy of FSD's Reply Letter(s)				✓



# Standards Accepted by FSD

American Standards (DOT)

Australian Standards (AS)

Canadian Standards (CTC)

Chinese Standards (GB)

British Standards (BS)

Japanese Standards (JIS)



# Efficient Application

## 1. Sufficient Supporting Documents for Application

- Independent body inspection report
- The pressure receptacle drawings



Item	Supporting Document	New Application			Re- application / Submission of Supplementary Information
		Model	Batch	Model and Batch	
(a)	Model and Design of Receptacle(s)	✓		✓	As specified in FSD's Reply Letter
(b)	Technical Details and Drawing(s)	✓		✓	
(c)	Design Specification and Calculation	✓		✓	
(d)	Gas(es) Details	✓		✓	
(e)	Valve Specification	✓		✓	
(f)	For filament-wound composite receptacle (if applicable): (i) Life extension plan; (ii) NDE scheme; and (iii) Maintenance manuals	✓		✓	
(g)	Product Catalogue (if applicable) of: (i) Pressure Receptacle (ii) Valve	✓		✓	
(h)	Manufacturer's Certificate	✓	✓	✓	
(i)	Inspection Report issued by recognized independent inspection authority/body	✓	✓	✓	
(j)	Report of Physical Test	✓	✓	✓	
(k)	Report of Chemical Analysis of Material	✓	✓	✓	
(l)	Other Test Report(s)	✓	✓	✓	
(m)	Details of any heat treatment	✓	✓	✓	
(n)	Serial numbers of Pressure Receptacle(s)		✓	✓	
(o)	Previous FSD's approval letter(s) for respective model/design of respective Pressure Receptacle(s)		✓		
(p)	Other documents requested by FSD (if any)				
(q)	Copy of FSD's Reply Letter(s)				✓

# Efficient Application

## 2. Accurate Calculation

- Cylinder Design
- Valve Design
- Thickness of Cylindrical Shell
- Wall Stress at Pressure Test



Item	Supporting Document	New Application			Re- application / Submission of Supplementary Information
		Model	Batch	Model and Batch	
(a)	Model and Design of Receptacle(s)	✓		✓	As specified in FSD's Reply Letter
(b)	Technical Details and Drawing(s)	✓		✓	
(c)	Design Specification and Calculation	✓		✓	
(d)	Gas(es) Details	✓		✓	
(e)	Valve Specification	✓		✓	
(f)	For filament-wound composite receptacle (if applicable): (i) Life extension plan; (ii) NDE scheme; and (iii) Maintenance manuals	✓		✓	
(g)	Product Catalogue (if applicable) of: (i) Pressure Receptacle (ii) Valve	✓		✓	
(h)	Manufacturer's Certificate	✓	✓	✓	
(i)	Inspection Report issued by recognized independent inspection authority/body	✓	✓	✓	
(j)	Report of Physical Test	✓	✓	✓	
(k)	Report of Chemical Analysis of Material	✓	✓	✓	
(l)	Other Test Report(s)	✓	✓	✓	
(m)	Details of any heat treatment	✓	✓	✓	
(n)	Serial numbers of Pressure Receptacle(s)		✓	✓	
(o)	Previous FSD's approval letter(s) for respective model/design of respective Pressure Receptacle(s)		✓		
(p)	Other documents requested by FSD (if any)				
(q)	Copy of FSD's Reply Letter(s)				✓



# Efficient Application

## 3. Tally with Application Form

- Serial Number of the Pressure Receptacles
- Type of Gas
- Manufacture Date
- Working Pressure
- Testing Pressure

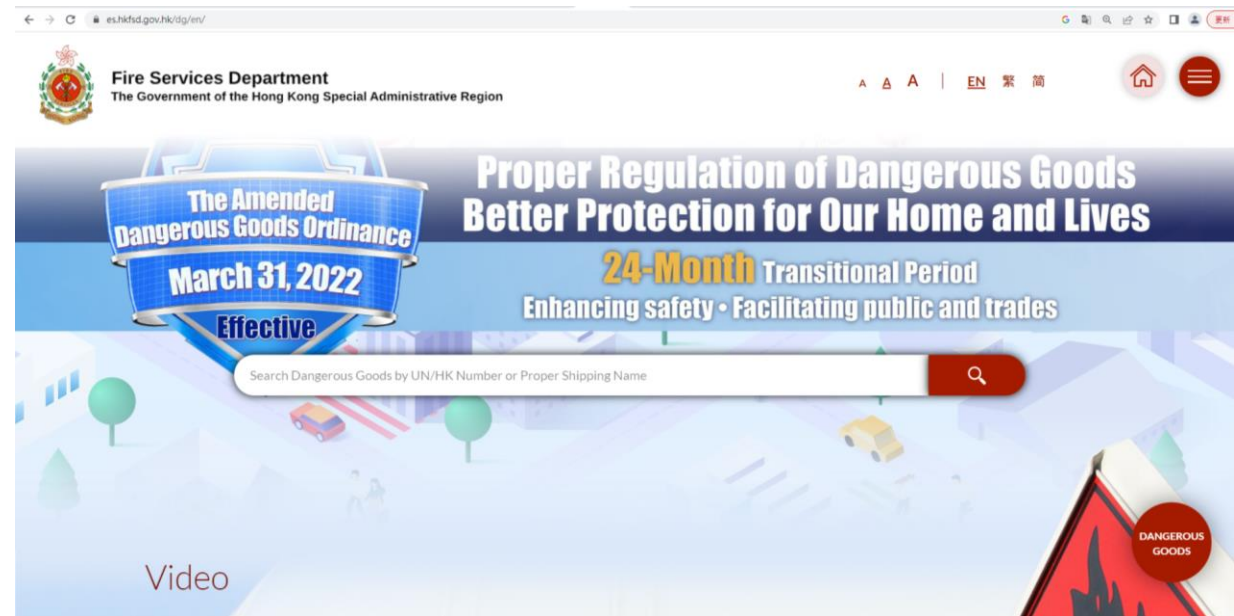


Item	Supporting Document	New Application			Re- application / Submission of Supplementary Information	
		Model	Batch	Model and Batch		
(a)	Model and Design of Receptacle(s)	✓		✓	As specified in FSD's Reply Letter	
(b)	Technical Details and Drawing(s)	✓		✓		
(c)	Design Specification and Calculation	✓		✓		
(d)	Gas(es) Details	✓		✓		
(e)	Valve Specification	✓		✓		
(f)	For filament-wound composite receptacle (if applicable): (i) Life extension plan; (ii) NDE scheme; and (iii) Maintenance manuals	✓		✓		
(g)	Product Catalogue (if applicable) of: (i) Pressure Receptacle (ii) Valve	✓		✓		
(h)	Manufacturer's Certificate	✓	✓	✓		
(i)	Inspection Report issued by recognized independent inspection authority/body	✓	✓	✓		
(j)	Report of Physical Test	✓	✓	✓		
(k)	Report of Chemical Analysis of Material	✓	✓	✓		
(l)	Other Test Report(s)	✓	✓	✓		
(m)	Details of any heat treatment	✓	✓	✓		
(n)	Serial numbers of Pressure Receptacle(s)		✓	✓		
(o)	Previous FSD's approval letter(s) for respective model/design of respective Pressure Receptacle(s)		✓			
(p)	Other documents requested by FSD (if any)					
(q)	Copy of FSD's Reply Letter(s)					✓

# Efficient Application

## 4. Use of DG Thematic Website

- ❑ Legislations
- ❑ DG Search Engine
- ❑ Cylinder/AP Search Engine
- ❑ Code of Practice
- ❑ Application Guide



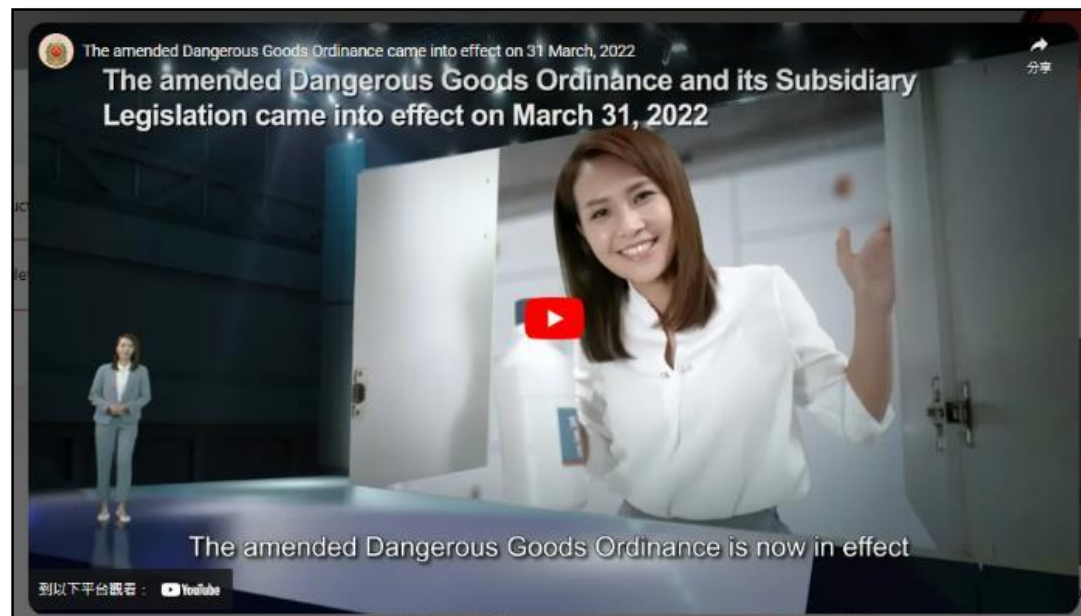
# More Information

❖ General Enquiry:

➔ [hkfsd\\_dg\\_enq@hkfsd.gov.hk](mailto:hkfsd_dg_enq@hkfsd.gov.hk)

❖ Code of Practice, “Application Guide”, Pamphlets, Videos:

➔ **DG Thematic Website** ([www.hkfsd.gov.hk/dg](http://www.hkfsd.gov.hk/dg))



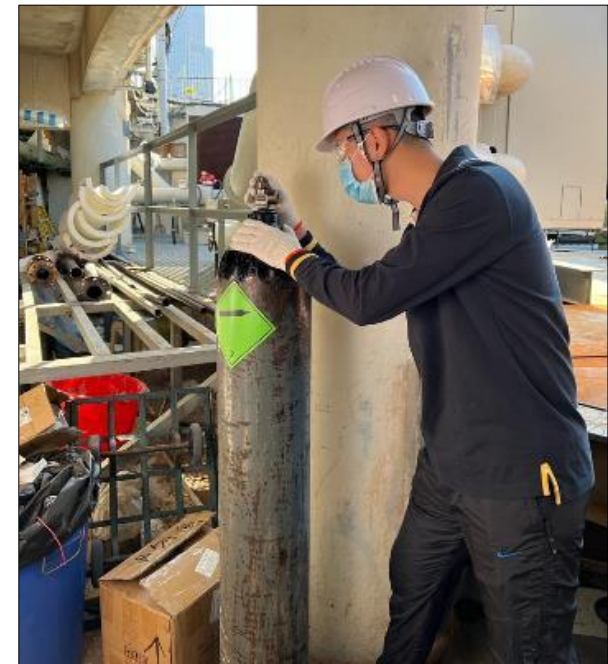
# More Information

- ❖ Manufacture, Storage and Use of DG

➔ **Dangerous Goods Control Division (2417 5757)**

- ❖ Conveyance of DG, Pressure Receptacles & Approved Persons

➔ **Dangerous Goods Enforcement Division (3850 8487)**





# Report Fire Hazards

❖ DG or IFA Complaints:

➔ **Fire Services Communication Centre**

**2723 8787 (24-hour)**





消防處

Fire Services Department

END

