



Control of Dangerous Goods in Hong Kong

**Dangerous Goods Division
Hong Kong Fire Services Department**



Control of Dangerous Goods



- Dangerous Goods Ordinance (DGO)
Cap. 295, Laws of Hong Kong
 - Dangerous Goods (Application & Exemption) Regulations, Cap. 295A, Laws of Hong Kong
 - Classification of DG
 - Dangerous Goods (General) Regulations, Cap. 295B, Laws of Hong Kong
 - Specification on containers, capacities and labels required, etc.



Classification of Dangerous Goods

- Category 1: Explosives & Blasting Agents
- Category 2: Compressed Gases
- Category 3: Corrosive substances
- Category 4: Poisonous substances
- Category 5: Substances giving off inflammable vapour
- Category 6: Substances which become dangerous by interaction with water
- Category 7: Strong supporters of combustion
- Category 8: Readily combustible substances
- Category 9: Substances liable to spontaneous combustion
- Category 10: Other dangerous substances

Cat. 2 to Cat. 10 dangerous goods (on land)
Authority : Director of Fire Services



Dangerous Goods Ordinance – Cap. 295, Laws of Hong Kong

- Section 6

Except under and in accordance with a licence granted under this Ordinance, no person shall **manufacture, store, convey or use** any dangerous goods



DG in Consumer Packs



Sodium Hypochlorite
Cat. 4 Class 1 DG
Exempt quantity: 250 litres



Hydrogen Peroxide
Cat. 7 DG
Exempt quantity: 25 litres



DG in Consumer Packs



Butyl Glycol (Ethylene
Glycol Monbuthyl Ether)
Cat. 5 Class 1 DG
Exempt quantity: 20 litres



DG in Consumer Packs



Alcohol
Cat. 5 Class 1 DG
Exempt quantity: 20 litres



DG in Consumer Packs



Paint
Cat. 5 Class 2 Div. 1 DG
Exempt quantity: 250 litres



Lacquer Thinner
Cat. 5 Class 1 Div. 1 DG
Exempt quantity: 20 litres



Regulatory Control of DG

- Licensing
 - Manufacture (e.g. refilling gas cylinder)
 - Storage (DG store)
 - Conveyance (DG vehicle)(Cat. 2 & 5 only)





DG Store

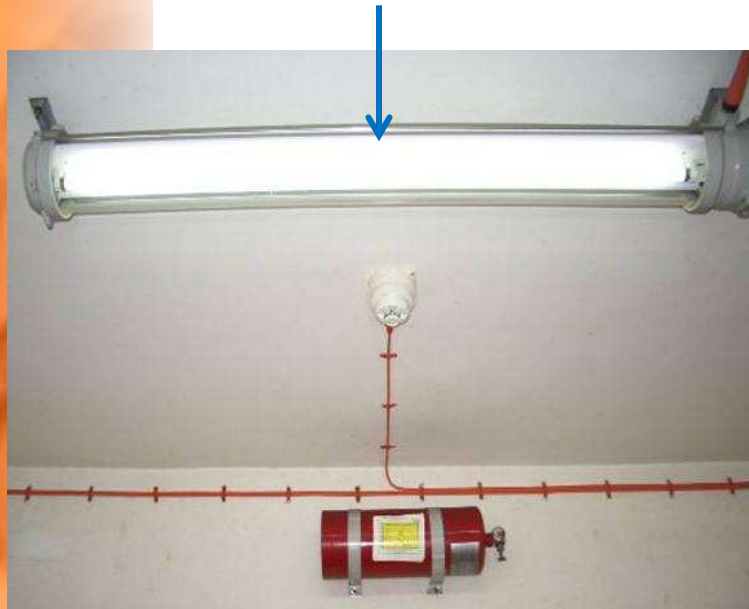
- Constructed of fire resisting materials
- Natural or mechanical ventilation shall be provided





DG Store

Explosion-proof (BS EN 60079)



Fire Service Installations



high and low ventilators with fire dampers



DG Store

- Identification & warning signage





DG Vehicles

- Safety requirements:
 - The vehicle shall not be left unattended at any time
 - No smoking, no light and no fire shall be permitted on or near the vehicle





DG Vehicles

Fire resisting shield

Fire Extinguisher



exhaust system of the engine shall be situated wholly in front of the fire resisting shield



DG Vehicles



Identification & warning signage



THANK YOU



Enquiry:

Dangerous Goods Division

Tel: 2417 5757

FAX: 3622 1151

E-mail : fsdgd@hkfsd.gov.hk