

---

---

First published in the *Government Gazette*, Electronic Edition, on 11 September 2020 at 5 pm.

**No. S 780**

**FIRE SAFETY ACT  
(CHAPTER 109A)**

**FIRE SAFETY  
(PETROLEUM AND FLAMMABLE MATERIALS)  
(AMENDMENT) REGULATIONS 2020**

In exercise of the powers conferred by section 61 of the Fire Safety Act, the Minister for Home Affairs makes the following Regulations:

**Citation and commencement**

1. These Regulations are the Fire Safety (Petroleum and Flammable Materials) (Amendment) Regulations 2020 and come into operation on 14 September 2020.

**Amendment of regulation 2**

2. Regulation 2(1) of the Fire Safety (Petroleum and Flammable Materials) Regulations (Rg 7) (called in these Regulations the principal Regulations) is amended by inserting, immediately after the definition of “freight container”, the following definition:

““hazardous material” means any substance or article set out in the Third Schedule to the Road Traffic (Expressway Traffic) Rules (Cap. 276, R 23);”.

**Amendment of regulation 25**

3. Regulation 25 of the principal Regulations is amended —

- (a) by inserting, immediately after the word “petroleum” in paragraph (1)(a), the words “(other than diesel)”;
- (b) by deleting the words “such number of persons as the Commissioner may direct” in paragraph (1) and substituting the words “6 persons, or any other number notified by the Commissioner under section 22(4)(a) of the Act”; and

---

---

(c) by inserting, immediately after paragraph (2), the following paragraph:

“(2A) The storage licensee must provide the Team with the following equipment:

- (a) 5 sets of firefighting suits;
- (b) 5 sets of firefighting helmets;
- (c) 5 pairs of goggles or 5 face shields;
- (d) 5 pairs of firefighting gloves;
- (e) 5 pairs of firefighting boots;
- (f) 5 sets of breathing apparatus;
- (g) the requisite number and class of fire extinguishers in accordance with Singapore Standard 578:2012 — Code of Practice for Use and Maintenance of Portable Fire Extinguishers;
- (h) one set of firefighting nozzle and hose;
- (i) a first-aid kit;
- (j) a foldable stretcher;
- (k) a fire blanket;
- (l) an automated external defibrillator;
- (m) a loud hailer;
- (n) 4 walkie-talkies;
- (o) where the premises are also used to store or keep any hazardous material —
  - (i) 5 chemical suits;
  - (ii) 5 pairs of rubber gloves;
  - (iii) 5 pairs of rubber boots;
  - (iv) one set of hazardous material absorbent;

- (v) one set of leak sealing devices for each type of hazardous material container stored or kept on the premises; and
- (vi) one overpack drum of sufficient size to contain the largest hazardous material container stored or kept on the premises.”.

#### **Amendment of regulation 29E**

4. Regulation 29E of the principal Regulations is amended —

(a) by deleting paragraph (1) and substituting the following paragraph:

“(1) The pipeline licensee for a licensed pipeline (other than a pipeline that conveys diesel) must establish and maintain an in-house Company Emergency Response Team (called in this regulation the Team) comprising 6 persons or such number of persons as the Commissioner may direct in any particular case.”;

(b) by inserting, immediately after the word “emergency” in paragraph (2), the words “that occurs anywhere along the licensed pipeline”; and

(c) by inserting, immediately after paragraph (2), the following paragraph:

“(2A) The pipeline licensee must provide the Team with the following equipment:

- (a) 5 sets of firefighting suits;
- (b) 5 sets of firefighting helmets;
- (c) 5 pairs of goggles or 5 face shields;
- (d) 5 pairs of firefighting gloves;
- (e) 5 pairs of firefighting boots;
- (f) 5 sets of breathing apparatus;

- 
- 
- (g) the requisite number and class of fire extinguishers in accordance with Singapore Standard 578:2012 — Code of Practice for Use and Maintenance of Portable Fire Extinguishers;
  - (h) one set of firefighting nozzle and hose;
  - (i) a first-aid kit;
  - (j) a foldable stretcher;
  - (k) a fire blanket;
  - (l) an automated external defibrillator;
  - (m) a loud hailer;
  - (n) 4 walkie-talkies;
  - (o) where the pipeline licensee's premises are also used to store or keep any hazardous material —
    - (i) 5 chemical suits;
    - (ii) 5 pairs of rubber gloves;
    - (iii) 5 pairs of rubber boots;
    - (iv) one set of hazardous material absorbent;
    - (v) one set of leak sealing devices for each type of hazardous material container stored or kept on the premises; and
    - (vi) one overpack drum of sufficient size to contain the largest hazardous material container stored or kept on the premises.”.

### **Amendment of Fourth Schedule**

5. The Fourth Schedule to the principal Regulations is amended —
- (a) by inserting, immediately after item 7, the following item:

---

---

“7A. Acetylpropionyle”;

(b) by deleting item 9 and substituting the following item:

“9. The following Aldehydes:

- (a) Acetaldehyde
- (b) Acrolein
- (c) Butyraldehyde
- (d) 2-Ethylbutyraldehyde
- (e) Glycidaldehyde
- (f) Isobutyraldehyde
- (g) Methacrylaldehyde, stabilised
- (h) Alpha-methylvaleraldehyde
- (i) Propionaldehyde
- (j) Valeraldehyde”;

(c) by inserting, immediately after item 15, the following item:

“15A. Aluminium”;

(d) by deleting item 23;

(e) by deleting item 24 and substituting the following item:

“24. The following Amines:

- (a) Aminopropyldimethylamine  
(Dimethylaminopropylamine - DMAPA)
- (b) Amylamines
- (c) n-Butylamine
- (d) Diallylamine
- (e) Diethylamine
- (f) Diisopropylamine
- (g) Dimethyl-N-propylamine
- (h) Dimethylamine
- (i) 1,3-Dimethylbutylamine
- (j) Dipropylamine
- (k) Ethylamine

- 
- 
- (l) Isobutylamine
  - (m) Isopropylamine
  - (n) Methylamine
  - (o) N-Methylbutylamine
  - (p) Propylamine
  - (q) Triethylamine
  - (r) Trimethylamine”;

(f) by deleting item 67;

(g) by deleting item 77 and substituting the following item:

“77. The following Chlorosilanes:

- (a) Dichlorosilane
- (b) Dimethyldichlorosilane
- (c) Ethyltrichlorosilane
- (d) Methyltrichlorosilane
- (e) Trichlorosilane
- (f) Trimethylchlorosilane
- (g) Vinyltrichlorosilane, stabilised”;

(h) by inserting, immediately after item 89, the following item:

“89A. Dibutylsulfure”;

(i) by inserting, immediately after item 121, the following item:

“121A. 2,3-Dimethylpyrazine”;

(j) by deleting item 132 and substituting the following item:

“132. The following Ethers:

- (a) Allyl ethyl ether
- (b) 2-Bromoethyl ethyl ether
- (c) Butyl methyl ether
- (d) Butyl vinyl ether, stabilised
- (e) Chloromethyl ethyl ether
- (f) Diallylether

- 
- 
- (g) Diethyl ether
  - (h) Diisopropyl ether
  - (i) Di-n-propyl ether
  - (j) Divinyl ether, stabilised
  - (k) Ethyl butyl ether
  - (l) Ethyl methyl ether
  - (m) Ethyl propyl ether
  - (n) Methyl tert-butyl ether
  - (o) Methyl propyl ether
  - (p) Perfluoro (ethyl vinyl ether)
  - (q) Perfluoro (methyl vinyl ether)
  - (r) Vinyl ethyl ether, stabilised
  - (s) Vinyl isobutyl ether, stabilised
  - (t) Vinyl methyl ether, stabilised”;
- (k) by inserting, immediately after item 133, the following item:
- “133A. Ethyl 2-Methyl-3-Pentenoate”;
- (l) by inserting, immediately after item 172, the following items:
- “172A. Hexenal Bionat K  
172B. Hexenone (4-Hexene-3-one)”;
- (m) by inserting, immediately after item 210, the following item:
- “210A. Magnesium”;
- (n) by deleting item 215;
- (o) by inserting, immediately after item 216, the following item:
- “216A. Mercaptobutanone”;
- (p) by deleting the word “methylethly” in item 220 and substituting the word “methylethyl”;
- (q) by deleting item 261 and substituting the following item:

---

---

“261. The following Nitriles:

- (a) Acetonitrile
- (b) Acrylonitrile, stabilised
- (c) Butyronitrile
- (d) 2-Dimethylaminoacetonitrile
- (e) Isobutyronitrile
- (f) Methacrylonitrile, stabilised
- (g) Propionitrile”;

(r) by deleting the word “Aldehyhe” in item 273 and substituting the word “Aldehyde”;

(s) by deleting the words “or Potassium alloys” in item 283;

(t) by inserting, immediately after item 338, the following item:

“338A. Trans-2 Hexenal”; and

(u) by deleting the words “powder or Zinc dust” in item 363.

*[G.N. Nos. S 546/2013; S 552/2013; S 188/2014;  
S 329/2015; S 186/2018]*

Made on 24 August 2020.

PANG KIN KEONG  
*Permanent Secretary,  
Ministry of Home Affairs,  
Singapore.*

[MHA 112/2/030; AG/LEGIS/SL/109A/2015/2 Vol. 1]