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**No. S 545**

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

**FIRE SAFETY  
(BUILDING FIRE SAFETY) (AMENDMENT)  
REGULATIONS 2013**

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

**Citation and commencement**

**1.**—(1) These Regulations may be cited as the Fire Safety (Building Fire Safety) (Amendment) Regulations 2013 and shall, with the exception of regulations 13, 14, 19(b), 20, 21 and 22, come into operation on 1st September 2013.

(2) Regulations 13, 14, 19(b), 20, 21 and 22 shall come into operation on 1st November 2013.

**Amendment of regulation 1**

**2.** Regulation 1 of the Fire Safety (Building Fire Safety) Regulations (Rg 1) (referred to in these Regulations as the principal Regulations) is amended by inserting, immediately after the word “Building”, the words “and Pipeline”.

**Amendment of regulation 2**

**3.** Regulation 2 of the principal Regulations is amended —

- (a) by deleting the definitions of “building operations and maintenance manual” and “fire emergency plan”;
- (b) by deleting the words “building fire safety designs” in paragraph (c) of the definition of “fire safety engineering design brief” and substituting the words “fire safety designs of the building or the relevant pipeline, as the case may be”;

- (c) by deleting the words “building’s life cycle” in the definition of “fire safety engineering report” and substituting the words “life cycle of the building or the relevant pipeline, as the case may be”; and
- (d) by inserting, immediately after the definition of “occupant load”, the following definitions:
  - “ “operations and maintenance manual” means a document prepared by a fire safety engineer containing instructions for the owner or occupier of a building or pipeline owner (as the case may be) on how to operate and maintain the fire safety measures used in the alternative solution, the limitations of such measures and the restrictions to be placed on usage of the building or relevant pipeline (as the case may be);
  - “prescribed fees” means the relevant fees prescribed in Part VI;”.

### **Amendment of regulation 3**

#### **4. Regulation 3 of the principal Regulations is amended —**

- (a) by deleting sub-paragraph (i) of paragraph (a) and substituting the following sub-paragraph:
  - “(i) building plans (where the fire safety works relate to any building) or relevant pipeline plans (where the fire safety works relate to any relevant pipeline);”;
- (b) by inserting, immediately after the words “where the plans” in paragraphs (b)(ii) and (d), the words “of fire safety works”;
- (c) by deleting sub-paragraph (iii) of paragraph (d) and substituting the following sub-paragraph:
  - “(iii) an operations and maintenance manual for the building or relevant pipeline, as the case may be, to which the fire safety works relate;”;

- (d) by inserting, immediately after the words “may require” in paragraph (e), the words “in any particular case”.

### **Amendment of regulation 6**

5. Regulation 6(1) of the principal Regulations is amended —

- (a) by inserting, immediately after the word “plans”, the words “of fire safety works”;
- (b) by inserting, immediately after the words “a building” in sub-paragraph (c), the words “or relevant pipeline to which the fire safety works relate”; and
- (c) by inserting, immediately after the words “the building” in sub-paragraph (c), the words “or relevant pipeline”.

### **Amendment of regulation 7**

6. Regulation 7 of the principal Regulations is amended —

- (a) by deleting the words “The plans” in paragraph (1) and substituting the words “Where the fire safety works relate to any building, the building plans”; and
- (b) by inserting, immediately after paragraph (2), the following paragraph:

“(3) Where the fire safety works relate to any relevant pipeline, the relevant pipeline plans submitted under section 23(1) of the Act shall, in addition to complying with paragraphs (1) and (2) (with the necessary modifications) —

- (a) include a fully-dimensioned site plan, with layout plans, elevations and sectional views, including (where the relevant pipeline or any existing relevant pipeline within the same pipetrack or piperack is an underground pipeline) the underground plans, elevations and sectional views of such underground pipelines; and

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- (b) contain the following details in respect of the relevant pipeline and all other existing relevant pipelines located within the same pipetrack or piperack as the relevant pipeline:
- (i) details of the relevant pipeline, including the capacity, thickness, material type, size, joints and connections, labelling and colour code;
  - (ii) types and quantity of petroleum and flammable materials to be conveyed between each consecutive pair of emergency isolation valves on the relevant pipeline, and the respective flow rate, pressure, temperature and Safety Data Sheet relating to each type of petroleum or flammable material conveyed;
  - (iii) location and details of the emergency isolation valves and procedures to handle surge pressures;
  - (iv) location and details of leakage monitoring, detection and control systems (such as systems to shut-off relevant pumps and isolation valves automatically) and over-pressure protection system (such as automatic depressurisation and venting systems); and
  - (v) location and details of fire protection systems and measures (such as fire hydrant and fire water monitors), other safety systems and measures (such as secondary containment for the entire pipeline or pipeline corridor) and ancillary safety equipment.”.

**Amendment of heading to Part III**

7. The heading to Part III of the principal Regulations is amended by deleting the words “PERSONS AND OWNERS OR OCCUPIERS OF BUILDINGS” and substituting the words “PERSONS, FIRE SAFETY ENGINEERS AND PERSONS FOR WHOM WORKS ARE CARRIED OUT”.

**Deletion and substitution of regulation 16**

8. Regulation 16 of the principal Regulations is deleted and the following regulation substituted therefor:

**“Duties of owner or occupier prior to commencement of fire safety works**

**16.—**(1) Before the commencement, carrying out or resumption of any fire safety works, the persons referred to in paragraph (2) shall —

- (a) ascertain that all the plans of the fire safety works which are required by or under the Act to be submitted to the Commissioner have been approved by the Commissioner and that such approval has not been withdrawn and is still valid; and
  - (b) ensure that such works are to be supervised at all times by a qualified person and, where the works use any alternative solution, a fire safety engineer.
- (2) The following persons shall comply with paragraph (1):
- (a) in the case of fire safety works which relate to a relevant pipeline, the pipeline owner of the section of the relevant pipeline; and
  - (b) in the case of other fire safety works, the owner or occupier of the premises in which such works are to be commenced, carried out or resumed.”.