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## GENERAL REQUIREMENTS FOR CONDUCT OF WORKS IN THE VICINITY OF PETROLEUM & FLAMMABLE MATERIAL (P&FM) PIPELINES

### 1. Introduction

- 1.1 Any party who intend to carry out any works in the vicinity of the P&FM pipeline shall notify SCDF.
- 1.2 SCDF will check and divert the request to P&FM pipeline licensee for attention. Any person working near the pipelines shall collaborate with licensee to implement measures to protect the pipeline from all possible damages

### 2. Statutory Requirements

- 2.1 Section 36B Conduct of works within vicinity of P&FM pipelines of the Fire Safety Act (Chapter 109A) requires anyone who wants to carry out works in the vicinity of the P&FM pipelines to
  - (a) give the P&FM pipeline licensee not less than 7 working days' notice in writing of the date on which it is proposed to commence the works;
  - (b) obtain from the P&FM pipeline licensee the necessary information on the location of the pipeline; and
  - (c) consult the P&FM pipeline licensee on the steps to be taken to prevent the pipeline from being damaged while the works are being carried out.
- 2.2 Section 36B also requires the person carrying out the works to comply with the requirements of the P&FM pipeline licensee, ensure precaution measures are taken to prevent damage to the pipeline and provide access to the licensee for inspection or taking necessary protective measures.
- 2.3 Any person that contravenes this Section 36B is guilty of an offence and shall be liable to a fine not exceeding \$100,000 or to imprisonment for a term not exceeding 12 months or both.



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### 3. Requirements on Third Parties working near the P & FM Pipeline

#### 3.1 Pre-work Consultation with P&FM pipeline licensee

- a) The works owner and contractor must inform P&FM pipeline licensee in advance of their intention to work within the vicinity of the pipeline. Such works include excavation, piling, earthwork levelling, bore logging, trial holes, blasting, tunnelling or any works. The proposed work with construction drawings and method of statements must be given to licensee to evaluate the impact of the works on the pipeline. This enables licensee to advise on appropriate precautionary measures to be taken.
- b) The works owner and contractor must obtain the as-built drawings of P&FM pipeline from licensee. They are required to incorporate the pipeline alignment co-ordinates into their construction drawings. Please note that the information in the as-built drawings should be treated as confidential. Do not disclose or forward them to others.

#### 3.2 Precautionary Measures during Works

- a) The works owner and contractor must take all necessary precautions to prevent any damages to the P&FM pipelines during the construction stage. They must inform licensee before carrying out any excavation works near the pipeline. It is important to **report all damages** to the pipeline and its coating to licensee. Repair must be done immediately to prevent corrosion aggravation to the pipeline at the damage location and thus becoming a potential hazard.
- b) For major works that span over a long period of time, the owner and contractor must hold monthly meetings to update licensee on the progress and any changes to their works.
- c) For any new development surrounding the P&FM pipelines, the developer must inform the property owner on the location of the pipeline within their premises and draw up measures to prevent any possible damage to it. Pipeline within a fenced compound must be accessible to licensee for patrolling and any maintenance works as and when required.



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### 3.3 Repair of Damage Pipe/Coating

- a) In the event the pipe and/or its coating are damaged by the third party works, P&FM licensee will undertake the necessary repair works. All costs of such repairs shall be borne by the third party responsible for the damage.
- b) P&FM pipeline licensee shall notify SCDF for any damage pipe.

### 3.4 Emergency Works

When urgent works resulting out of emergencies have to be done near the pipeline, the owner and contractor must **call SCDF** at the emergency line **995**. SCDF officers will respond within 2 hours of the call to verify the location of the pipeline and divert the request to the P&FM licensee to monitor excavation works.

### 3.5 Enquiries

- a) The above are general and standard requirements for working within the vicinity of P&FM pipelines and hence are not exhaustive. The work owner and contractor are advised to carry out all necessary assessments and take all precautions to prevent any damage to all existing pipelines.
- b) Refer all enquiries and correspondences on works near the P&FM pipelines to:  
*Postal address*  
Attn: FM pipelines Earthwork Team  
HQ Singapore Civil Defence Force (Licensing Br, Central Enforcement Dept)  
91 Ubi Ave 4, Singapore 408827  
Tel: 68481484 / 1735  
Fax: 68481494



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