

9. HAZARD TO LIFE

9.1 Introduction

9.1.1.1 There are some existing hazardous installations within the South East Kowloon Development (SEKD) study boundary that may be of risk concern to the future residents of SEKD. According to the Environmental Impact Assessment (EIA) Study Brief, there are 2 main areas of concern that need to be addressed in the present *Comprehensive Feasibility Study for the Revised Scheme of South East Kowloon Development* (the present study):

- Potential hazard associated with the Ma Tau Kok Gas Works North Plant and its facilities; and
- Potential hazard associated with non-fuel gas facilities within the study boundary.

9.1.1.2 The locations of these facilities are shown in **Drawing No. 22936/EN/110**. These facilities have the potential to impact on the SEKD because they handle a certain amount of hazardous material and they are situated within or very close to the SEKD New Development Area.

9.1.1.3 The potential hazards from these installations in relation to the South East Kowloon Development is discussed in this Section. The same risk issues were discussed in the previous SEKDFS¹ and reference will be made to this previous study whenever applicable.

9.2 Legislation, Policies, Plans, Standards and Criteria

9.2.1.1 In Hong Kong, the risk associated with a potential hazardous installation (PHI) is expressed in both Individual Risk and Societal Risk. The assessment criteria are clearly defined in Annex 4 of the *EIAO-TM*, which is copied in **Drawing No. 22936/EN/037**.

9.2.1.2 The requirement and procedure of conducting a risk assessment is also set out in the Professional Persons Environmental Consultative Committee (ProPECC) Practice Note PN 2/94 "*Potentially Hazardous Installations*" and Chapter 11 of the Hong Kong Planning Standards and Guidelines (HKPSG).

9.2.1.3 The definitions and threshold quantities of PHIs are given in the HKPSG, as well as the role of different Government dealing with different types of PHIs.

9.3 Ma Tau Kok Gas Works and its Associated Facilities

9.3.1 Introduction

9.3.1.1 This section is the Risk Assessment for Ma Tau Kok Gas Works (MTK Gas Works) of the Feasibility Study for Revised Scheme of South East Kowloon Development. The Risk Assessment has been carried out by DNV.

Background

9.3.1.2 The Government is planning to develop the South East Kowloon areas in which Ma Tau Kok Gas Works is located in the north east of the Kowloon peninsula. The areas are proposed to be developed for various uses such as residential, schools and community facilities etc.

¹ Feasibility Study for South East Kowloon Development, Environmental Impact Assessment Report, Technical Report No. RW7, Maunsell Consultants Asia Limited