

Table 12.1: Responsibilities of Owner and Consultant for Construction Fire Safety

ITEMS	REQUIREMENTS
3. CONSULTANT'S RESPONSIBILITY	<p><u>2. PREPARATION OF FIRE SAFETY AND EVACUATION PLAN FOR BUILDINGS UNDER CONSTRUCTION OR RENOVATION OR MODIFICATION OR DEMOLITION</u></p> <p>The consultant shall ensure that constructor, general contractor or project manager implement a fire safety and evacuation plan before work starts. The plan should be prepared by consultant in writing and distributed to all workers and contractors on project, including site visitors. The plan shall include but not limited to,</p> <ol style="list-style-type: none"> Procedures for reporting emergencies to Civil Defence. Procedures for emergency notification, evacuation and/or relocation of all persons in the building under construction and on the site. Procedure for hot work operations, management of hazardous materials and removal of combustible debris and maintenance of emergency access roads. Floor plans identifying the locations of exits, exit stairs, exit routes and portable fire extinguishers and fire hose cabinets. Site plan identifying the designated exterior assembly areas for each evacuation route. Site plan identifying required fire apparatus access roadways and on-site fire hydrants. Document and post the name and phone numbers of all personnel responsible for managing the fire safety evacuation plan, including after-hours contact information. Appointment of fire warden(s) to ensure that everyone evacuates work areas when a fire alarm is activated. Post contact information for the security company that oversees "Hot Work" requirements as part of the fire code. Ensure that all construction employees are made aware of the "Hot Work" requirements. Evacuation plan of already occupied portion of the building. Ensure evacuation plan for occupied portion and portion under construction or renovation are compatible. Records of all fire safety meetings with project management, workers, foremen, subcontractors, suppliers and others who may be on site. Records of fire drills involving the existing alarm system or on alternative such as compressed air horns, shouts of "fire" etc. Conduct a post-mortem on response, performance and awareness of personnel. Procedure in notifying the shutdown of a certain fire safety system to Civil Defence and also measures to isolate it from the rest of the system which must be in service. Measures to provide a 24-hour fire watch until the system is fully restored and in service.