

**Table 13.10.: Operational Requirements**

ITEM	REQUIREMENTS
<b>4. EMERGENCY PREPAREDNESS</b>	<ul style="list-style-type: none"> <li>i. An approved means for prompt notification of fire or emergency to emergency team within plant, to relevant authority and Civil Defence shall be established and properly maintained.</li> <li>ii. Following methods shall be used for monitoring as appropriate: <ul style="list-style-type: none"> <li>a. Personnel observation and patrolling.</li> <li>b. Process monitoring equipment to measure abnormality in pressure and temperature parameters and possible spill or leakage that could occur.</li> <li>c. Provision of gas detectors to continuously monitor the area where facility is unattended.</li> <li>d. Provision of Fire detection and alarm system.</li> </ul> </li> <li>iii. The fire protection system must be maintained in proper operating condition in-line with design intent and UAE Fire and Life Safety Code of Practice.</li> <li>iv. The quantity and quality of the water supply and extinguishing agents (where used) shall be continuously monitored in line with engineering standards and manufacturer's recommendation. Permanent connection between fire water system and any process system must be prohibited.</li> <li>v. Emergency management system and preparedness procedures must be established and maintained. See <b>Section 5</b>.</li> <li>vi. Maintenance and operational procedures must be established and implemented to control leakage and prevent spillages.</li> <li>vii. Combustible waste materials and residues in operating area shall be kept to a minimum, stored in covered metal containers and disposed off daily.</li> <li>viii. Aisles established for movement of personnel and emergency responders, fire access etc. shall be clearly marked and shall not be occupied or obstructed.</li> <li>ix. Proper management methods used to identify, evaluate and control the security hazard involved in the processing and handling liquids and aerosols must be established and implemented. This includes but not limited to sabotage and other malicious attacks.</li> </ul>