

**Table 14.3.: Fire and Life Safety Requirements for Wastewater treatment facilities**

HAZARD/ LOCATION	REQUIREMENTS
30. SLUDGE DRYING,	<p><b><u>1. RISK</u></b></p> <p>i. Dust explosion and dust ignition.</p> <p><b><u>2. VENTILATION FOR PROCESS AREAS, IF ENCLOSED</u></b></p> <p>i. Not Required.</p> <p><b><u>3. FIRE DETECTION, IF ENCLOSED</u></b></p> <p>i. Fire Detection and Alarm System shall be provided, as per <b>Chapter 8</b>.</p> <p><b><u>4. FIRE PROTECTION, IF ENCLOSED</u></b></p> <p>i. Automatic Water Sprinkler/Automatic Foam System/ Water Spray/Water Mist s, as applicable on fire risk assessment shall be provided as per <b>Chapter 9</b>.</p> <p>ii. Yard Fire Hydrant shall be provided as per <b>Chapter 9</b>.</p> <p>iii. Fire extinguisher shall be provided as per <b>Chapter 4</b>.</p> <p><b><u>5. DUST EXPLSOION</u></b></p> <p>i. Explosion protection for the area and boilers shall be provided upon fire risk assessment, in accordance with <b>NFPA 61, NFPA 69, NFPA 499 and NFPA 654</b>.</p>

