

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

HAZARD/ LOCATION	REQUIREMENTS
3. RESIDENTIAL WASTEWATER PUMPING STATION (WET WELLS)	<p><u>1. RISK</u></p> <p>i. Possible ignition of flammable gases and floating flammable liquids.</p> <p><u>2. VENTILATION FOR PROCESS AREAS, IF ENCLOSED</u></p> <p>i. Continuously ventilated, providing 12 Air Changes per Hour, in compliance with Chapter 10.</p> <p><u>3. FIRE DETECTION</u></p> <p>i. Combustible Gas Detection shall be provided and Fire Detection and Alarm System shall be provided for ancillary buildings, as per Chapter 8.</p> <p><u>4. FIRE PROTECTION</u></p> <p>i. Fire extinguisher shall be provided as per Chapter 4.</p>
4. RESIDENTIAL WASTEWATER PUMPING STATION (DRY WELLS)	<p><u>1. RISK</u></p> <p>i. Buildup of flammable liquid vapors.</p> <p><u>2. VENTILATION FOR PROCESS AREAS, IF ENCLOSED</u></p> <p>i. Continuously ventilated providing 6 Air Changes per Hour, in compliance with Chapter 10.</p> <p><u>3. FIRE DETECTION</u></p> <p>i. Not required except for ancillary buildings, as per Chapter 8.</p> <p><u>4. FIRE PROTECTION</u></p> <p>i. Fire extinguisher shall be provided as per Chapter 4.</p>
5. ODOR CONTROL AND VENTILATION SYSTEMS SERVING CLASSIFIED AREAS	<p><u>1. RISK</u></p> <p>i. Buildup of flammable liquid vapors.</p> <p><u>2. VENTILATION FOR PROCESS AREAS, IF ENCLOSED</u></p> <p>i. Continuously ventilated providing 6 Air Changes per Hour, in compliance with Chapter 10.</p> <p><u>3. FIRE DETECTION</u></p> <p>i. Combustible Gas Detection shall be provided and Fire Detection and Alarm System shall be provided for ancillary buildings, as per Chapter 8.</p> <p><u>4. FIRE PROTECTION</u></p> <p>i. Fire extinguisher shall be provided as per Chapter 4.</p>