

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

HAZARD/ LOCATION	REQUIREMENTS
6. DIVERSION AND CONTROL STRUCTURES	<p><u>1. RISK</u></p> <p>i. Possible ignition of flammable gases and floating flammable liquids.</p>
7. COARSE AND FINE SCREEN FACILITIES	<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>
8. FLOW EQUALIZATION TANKS	<p><u>3. FIRE DETECTION, IF ENCLOSED</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>
9. GRIT REMOVAL TANKS	<p><u>4. FIRE PROTECTION</u></p> <p>i. Yard Fire Hydrant shall be provided as per Chapter 9.</p>
10. PRE-AERATION TANKS	<p>ii. Fire extinguisher shall be provided as per Chapter 4.</p>
11. PRIMARY / SECONDARY / INTERMEDIATE SEDIMENTATION TANKS	
12. ANAEROBIC TOWERS, ANAEROBIC FIXED FILM SYSTEM	
13. GAS HANDLING SYSTEMS FOR LIQUID TREATMENT PROCESS	
14. FLASH MIXER TANKS	
15. NITRIFICATION AND DENITRIFICATION TANKS	
16. BREAKPOINT CHLORINATION TANKS	