



## Basic training on Fire Safety

### Training on Basic Fire Safety

**Venue:** Classroom no: 3, First floor, GIDM  
Campus, Gandhinagar

#### Training Schedule

DAY-1: 19 <sup>th</sup> June, 2024		
Time	Name of Topic	Resource person
10.30–11.00	<b>Welcome &amp; Introduction</b> <ul style="list-style-type: none"><li>• Registration</li><li>• Pre-test</li></ul>	GIDM/GSFA
11.00–12.15	<b>Fire Science and Combustion:</b> <ul style="list-style-type: none"><li>• Introduction to Chemistry and Physics of Fire</li><li>• Heat Transfer</li><li>• Hazards and Risk</li><li>• Combustion Process</li><li>• Fire Extinguishment</li><li>• Extinguishment Agents</li></ul>	Shri. A. B. Rathod, TSPM, GIDM
12.15–12.30	<b>TEA BREAK</b>	
12.30–13.45	<b>Pump and Pump Operations</b> <ul style="list-style-type: none"><li>• Introduction &amp; Background</li><li>• Different Types</li><li>• Relevant Indian Standards</li><li>• Inspection and Maintenance</li><li>• Standard operating procedures</li></ul>	TBD
13.45–14.45	<b>LUNCH</b>	
14.45–15.45	<b>Fixed Firefighting Systems all pumps</b> <ul style="list-style-type: none"><li>• Hydrant System</li><li>• Sprinkler/ Detecting System</li><li>• Total Flooding System</li><li>• Valve and operation system</li></ul>	TBD
15.45–16.00	<b>TEA BREAK</b>	
16.00–16.45	<b>Fire Extinguishers</b> <ul style="list-style-type: none"><li>• Introduction &amp; Background</li><li>• Different Types</li><li>• Relevant Indian Standards</li><li>• Inspection and Maintenance</li><li>• Standard operating procedures</li></ul>	Station Officer and Instructor, GSFA



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16.45–17.45	<b>Ropes and line</b> <ul style="list-style-type: none"> <li>Hands-on Experience on application of various types of knots and lines.</li> </ul> <b>Ladder drills</b>	Station Officer and Instructor, GSFA
<b>DAY-2: 20<sup>th</sup> June, 2024</b>		
<b>Time</b>	<b>Name of Topic</b>	<b>Resource person</b>
07.00–09.00	<b>Fire Drill (Pump Drill)</b>	GSFA
09.00–10.00	<b>Breakfast</b>	
10.30–11.45	<b>Hose and Hose Fittings:</b> <ul style="list-style-type: none"> <li>Introduction &amp; Background</li> <li>Different Types</li> <li>Relevant Indian Standards</li> <li>Inspection and Maintenance</li> <li>Standard operating procedures</li> </ul>	Shr. Abhisek Sawant STO, Karjan
11.45–12.00	<b>TEA BREAK</b>	
12.00–13.15	<b>BA Set</b> <ul style="list-style-type: none"> <li>Introduction &amp; Background</li> <li>Different Types</li> <li>Relevant Indian Standards</li> <li>Inspection and Maintenance</li> <li>Standard operating procedures</li> </ul>	Shri. Abhisek Sawant STO, Karjan
13.15– 14.15	<b>LUNCH</b>	
14.15–15.45	<b>Industrial Fire Safety</b> <ul style="list-style-type: none"> <li>Industries Fire Case study</li> <li>Hazard Identification and Hazchem code</li> <li>Emergency Responses, Tactics &amp; Procedure</li> </ul>	Shri. Abhisek Sawant STO, Karjan
15.45–16.00	<b>TEA BREAK</b>	
16.00–18.00	<b>Post Test &amp; Wrap Up</b>	GIDM/GSFA