



**Program:** Training on Basic Fire Safety

**Target Group:** Leading Fireman

**Venue:** Classroom no:1, First floor, GIDM Campus, Gandhinagar

### Training Schedule

| DAY-1: 24 <sup>th</sup> April, 2023 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Time                                | Name of Topic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Resource person                        |
| 10.30 – 11.00                       | Welcome & Introduction <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></ul>                                                                                                                                                                                                                                                                                                                           | Mr. Himalay Kotadiya, RAPC, GIDM       |
| 12.15 – 12.30                       | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |
| 12.30 – 13.45                       | <b>Fire Science and Combustion – Cont.</b> <ul style="list-style-type: none"><li>• Combustion Process</li><li>• Fire Extinguishment</li><li>• Extinguishment Agents</li></ul>                                                                                                                                                                                                                                                                                                                                    | Mr. Himalay Kotadiya, RAPC, GIDM       |
| 13.45 – 14.45                       | <b>LUNCH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                        |
| 14.45 – 15.45                       | <b>Fire Service setup, Firefighting Procedures &amp; Fire Brigade Features in Buildings</b> <ul style="list-style-type: none"><li>• Function of Fire Service in Government setup</li><li>• Current Fire Service setup in Urban and Non-urban areas in Gujarat</li><li>• Understanding Fire Service hierarchy and ranks in other states and Gujarat</li><li>• Different types of Firefighting vehicles and equipment used by Fire Services</li><li>• <b>Legislations (Act, Rules &amp; Regulations)</b></li></ul> | Mr. V N Solanki, Chief Executive, GSFA |
| 15.45 – 16.00                       | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                        |



## Basic training on Fire Safety

| 16.00 – 16.30                             | <ul style="list-style-type: none"> <li>• Code of ethics and discipline in uniform service</li> <li>• Practical Firemanship</li> <li>• Watch room/ control room duty</li> </ul>                                                                                                                                          | Mr. V N Solanki,<br>Chief Executive,<br>GSFA |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 16.30 – 17.45                             | <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> <li>• <b>Practical Demonstration</b></li> <li>• Q&amp;A</li> </ul> | Mr. S M Shiekh,<br>STO, GSFA                 |
| <b>DAY-2: 25<sup>th</sup> April ,2023</b> |                                                                                                                                                                                                                                                                                                                         |                                              |
| <b>Time</b>                               | <b>Name of Topic</b>                                                                                                                                                                                                                                                                                                    | <b>Resource person</b>                       |
| 07.00 – 09.00                             | Squad Drill                                                                                                                                                                                                                                                                                                             | 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> </ul>                                                                                                                                        | Mr. Ishwar Patel,<br>DO, SFEM                |
| 11.45 – 12.00                             | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                                                        |                                              |
| 12.00 – 13.15                             | <b>Hose and Hose Fittings:</b> <ul style="list-style-type: none"> <li>• Inspection and Maintenance</li> <li>• Standard operating procedures</li> <li>• Q&amp;A</li> </ul>                                                                                                                                               | Mr. Ishwar Patel,<br>DO, SFEM                |
| 13.15 – 14.15                             | <b>LUNCH</b>                                                                                                                                                                                                                                                                                                            |                                              |
| 14.15 – 15.45                             | <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> <li>• Q&amp;A</li> </ul>                                                       | Mr. Ishwar Patel,<br>DO, SFEM                |
| 15.45 – 16.00                             | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                                                        |                                              |
| 16.00 – 18.00                             | <b>Hose Drill &amp; B A Set Drill</b>                                                                                                                                                                                                                                                                                   | GSFA                                         |



## Basic training on Fire Safety

| DAY 3: 26 <sup>th</sup> April ,2023 |                                                                                                                                                                                                                                                                                         |                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| Time                                | Name of Topic                                                                                                                                                                                                                                                                           | Resource person                                   |
| 07.00 – 09.00                       | Squad Drill                                                                                                                                                                                                                                                                             | GSFA                                              |
| 09.00 – 10.00                       | <b>Breakfast</b>                                                                                                                                                                                                                                                                        |                                                   |
| 10.30 – 11.45                       | <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> </ul>                                                                                                       | Mr. Chirag Gadhvi,<br>STO, Bharuch<br>Nagarplaika |
| 11.45 – 12.00                       | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                        |                                                   |
| 12.00 – 13.15                       | <b>Pump and Pump Operations</b> <ul style="list-style-type: none"> <li>• Inspection and Maintenance</li> <li>• Standard operating procedures</li> <li>• Q&amp;A</li> </ul>                                                                                                              | Mr. Chirag Gadhvi,<br>STO, Bharuch<br>Nagarplaika |
| 13.15 – 14.15                       | <b>LUNCH</b>                                                                                                                                                                                                                                                                            |                                                   |
| 14.15 – 15.45                       | Six men Pump Drill                                                                                                                                                                                                                                                                      | GSFA                                              |
| 15.45 – 16.00                       | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                        |                                                   |
| 16.00 – 18.00                       | Water Tender Drill                                                                                                                                                                                                                                                                      | GSFA                                              |
| DAY 4: 27 <sup>th</sup> April,2023  |                                                                                                                                                                                                                                                                                         |                                                   |
| Time                                | Name of Topic                                                                                                                                                                                                                                                                           | Resource person                                   |
| 07.00 – 09.00                       | Squad Drill                                                                                                                                                                                                                                                                             | GSFA                                              |
| 09.00 – 10.00                       | <b>Breakfast</b>                                                                                                                                                                                                                                                                        |                                                   |
| 10.30 – 11.45                       | <b>Ladder and ladder 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> <li>• Q&amp;A</li> </ul> | Mr. Abhisek Sawant,<br>STO, Karjan<br>Nagarplika  |
| 11.45 – 12.00                       | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                        |                                                   |
| 12.00 – 13.15                       | <b>Roles and Responsibilities of Leading Fireman during Fire Emergency.</b>                                                                                                                                                                                                             | Mr. Abhisek Sawant,<br>STO, Karjan Nagarplika     |
| 13.15 – 14.15                       | <b>LUNCH</b>                                                                                                                                                                                                                                                                            |                                                   |
| 14.15 – 15.45                       | <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>                                                                                                                                       | Mr. S M Sheikh, STO,<br>GSFA                      |
| 15.45 – 16.00                       | <b>TEA BREAK</b>                                                                                                                                                                                                                                                                        |                                                   |
| 16.00 – 18.00                       | 4 Men Ladder Drill and Rope Rescue Drills                                                                                                                                                                                                                                               | GSFA                                              |



## Basic training on Fire Safety

| DAY 5: 28 <sup>th</sup> April,2023 |                                                                                                                                                                           |                                                                         |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Time                               | Name of Topic                                                                                                                                                             | Resource person                                                         |
| 07.00 – 09.00                      | Squad Drill                                                                                                                                                               | GSFA                                                                    |
| 09.00 – 10.00                      | Breakfast                                                                                                                                                                 |                                                                         |
| 10.30 – 14.00                      | Visit to Prahladnagar Fire Station,<br>Ahmedabad Fire & Emergency Services &<br>Practical demonstration of various Fire<br>Fighting and Rescue equipment at Fire station. | Chief Fire Officer,<br>Ahmedabad Fire &<br>Emergency<br>Services (AFES) |
| 14.00 – 15.00                      | LUNCH                                                                                                                                                                     |                                                                         |
| 15.00- 16.30                       | Post Test & Wrap-up                                                                                                                                                       | GIDM/GSFA                                                               |