



SMART FIRE
ENGINEERS

LICENSED AGENCY GRANTED BY DIRECTORATE OF MAHARASHTRA FIRE SERVICES,
GOVERNMENT OF MAHARASHTRA , MUMBAI.

Shop No.05, "Disha Concord" , 141 Railway lines, Near Old RTO Office, Solapur, (M.S.) - 413001

Contact No. +91 82754 75296 Email ID - smartfireengineers@gmail.com

No. FAR/03/2026-27, Date - 05-10-2026

Fire Safety Audit				
1 Name and address of the building		: Sai Public School, Add- Gat no- 540/1, Shetfal road, A/p- Madha, Tal- Madha , Dist- Solapur -413209.		
2 Type of Building Occupancy		: Educational Buildings (B), 1) Ground plus One Floor Less than 15 m in height.		
3 Details of Previous Fire NOC		: Not taken		
4 Date of Inspection		: 03-10-2026		
5 Name of Inspecting Officer		: Mr. Narsing Vaychal , Proprietor of Smart Fire Engineers, Solapur		
6 Name and Designation of officer/ if any representing the owner		: Shri. Ravi Magar Survase - Compus director.		
7 Occupier of the Building		: Sai Public School,		
8 Year of Construcation		: Ground Floor - 2008 and 1st Floor - 2016		
Sr	Minimum Standrads for Fire Prevention and Fire Safety	Requirement as per NBC 2005	Provided at site	Remarks (Meets/ Doesn't Meet requirment)
1	Access to building Road Width Gate Width An Arch/Covered Gate Heigth Width of Internal road	4.5 m 3.0 m 5.0 m 3.0 m	more than 4.5 m More than 3.0 m NA NA	Meets Requirement
2	Means of Egress			
a.	Numbers of Staircases Upper floor Basement		1 1 1	Meets Requirement
b.	Width of staircase Upper floor Basement	Minimum width 2.00 meter	1.5 m NA	Doesn't Meets Requirement

Sr	Minimum Standards for Fire Prevention and Fire Safety	Requirement as per NBC 2005	Provided at site	Remarks (Meets/ Doesn't Meet requirement)
c.	Protection of exits Fire Check door Pressurization		NIL	
3 Type of Installation				
3.1	Fire Extinguishers Total numbers Types IS marking	As per IS 15683 & IS 2190 As per IS 15683 & IS 2190 ISI marked	10 Nos of 6 kg- ABC type & 4 nos of 2 kg- CO2 Fire extinguishers are installed, ISI marked	Meets Requirement
3.2	First Aid Hose Reel Total numbers Diameter & Length of hose reel hose pipe Nozzle Diameter	Required at Prominent Places Diameter Not less than 19mm and 30 m length conforming to IS 884:1985 5 mm	Not Installed near Stair case	Doesn't Meets requirement
3.3	Down Comer	Required at Prominent Places, The guidelines should be followed as per IS 3844:1989 & IS 13039:2012	Not Installed at near the stair case	Doesn't Meets Requirement
3.4	Wet Riser	Not required	NIL	Meets requirement
3.5	Yard hydrant	Not Required	NIL	Meets requirement
3.6	Automatic Sprinkler System	Not Required	NIL	Meets requirement
3.7	Manually Operated Electronic Fire Alarm System	Not Required	NIL	Meets requirement
3.8	Automatic Detection and Alarm System	Not Required	Nil	Meets requirement
4 Water Supply				
4.1	Under-ground static water storage Tank combined capacity for Wet Riser, Yard Hydrant and Sprinklers per set of Pumps	Not Required	NIL	Meets requirement
4.2	Terrace Tank over Respective Tower/Building Terrace	10000 liters	Not installed	Doesn't Meet requirement

Sr	Minimum Standards for Fire Prevention and Fire Safety	Requirement as per NBC 2005	Provided at site	Remarks (Meets/ Doesn't Meet requirement)
5 Pump Capacity				
5.1	Pump Near Underground Static Water Storage Tank (Fire Pump) with Minimum of Pressure of 3.5 kg/cm ² at remotest location	Not required	NA	Meets requirement
5.2	At the Terrace Tank Level	450 LPM capacity pump to be installed	Not Installed	Doesn't Meets requirement
6	Sign Indicators for all fire safety, safe evacuation of occupants in case of emergency signs	Required at Prominent Places in all buildings as per guidelines given in IS 9457 , IS 12349, IS 12407	Not Installed	Doesn't Meets requirement
7	Stand by Power Supply	Required for Pump panel and Alarm panel	Not Installed	Doesn't Meets requirement

The Fire Protection system provided in the buildings/Premises at the time of Inspection , Keeping in the views of the extent of compliance of the minimum standard on the fire protection and safety required under the Rules, **it is proposed as follows :**

- 1 First Aid Hose reel should be installed at prominent places in all buildings as per IS 884 : 1985. Minimum 04 Nos First Aid Hose reel required.
- 2 Down Comer should be installed at prominent places in all buildings. The guidelines should be followed as per IS 3844:1989 & IS 13039:2012. Hydrant valve, Hose Box , Hose Reel & Hose Pipe on each floor required. Minimum 04 Nos each required.
- 3 10000 liters capacity Water tank at terrace over respective tower/Buildings should be provided. This water storage should be exclusively for Fire Fighting.
- 4 1 no- 450 LPM capacity electrical driven Booster pump should be provided. All the fire pumps must be centrifugal pumps only.
- 5 Sign Indicators for all fire safety, safe evacuation of occupants should be installed at prominent places in all buildings to raise an alarm in case of emergency.

Place : Solapur

Date : 05/10/2026

**NARSING
MANOHAR
VAYCHAL**

Digitally signed by
NARSING MANOHAR
VAYCHAL
Date: 2026.10.05
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Signature of Inspecting Officer
For Smart Fire Engineers,
(Mr. Narsing Vaychal)
Authorized Signatory