

## FIRE PREVENTION & INDUSTRIAL SAFETY (626)

The institution having the following requisite infrastructure, may apply for accreditation:

- A. Class Room:** Classroom for 30 students (minimum area 400Sq. ft.) should have proper ventilation, well-illuminated black board/white board and availability of adequate furniture and ceiling fan.
- B. Exhibit:** Minimum Size - 600 Sq. Ft. preferably display racks etc. well ventilated and illuminated)
- C. Field:** Field should have capacity to accommodate minimum 50 students for P. T. Practical Training etc.
- Fixed system
  - Portable system
  - Small gears
  - Other

### List of Tools/Equipment required for Practical/Training

S. No.	Name of the Equipment	S. No.	Name of the Equipment
1.	Co2 Extinguishers	23.	New Light Nozzle (Fog Type)
2.	Water Co2 Extinguishers	24.	Male o Male Adopter
3.	Mechanical Foam Extinguishers	25.	Suction Adopter
4.	5 Kg. Pressurized DCP Extinguishers	26.	Dividing Breaching Collecting Breaching
5.	10 Kg. DCP Extinguishers	27.	Two way collecting wade
6.	ABC Type Dry Chemical Powder Fire Extinguished stored pressure	28.	Suction Coupling
7.	Co2 Gas cartridges	29.	Metal Strainer
8.	Fire Trays (instantaneous)	30.	Basket Strainer
9.	Male Coupling (instantaneous)	31.	Suction Wrench (Universal)
10.	Female coupling (instantaneous)	32.	Suction Wrench (Conventional)
11.	Nozzle	33.	Rubber Line Hose
12.	Short Branch (copper)	34.	Reinforce Rubber Line Hose
13.	Short Branch (Brass Metal)	35.	Suction Pipe 4
14.	Long Ordinary Branch	36.	Suction pipe (PVC) 3 diameter
15.	London Pattern Hand Control Branch	37.	B.A. Set Cylinders
16.	Triple Purpose branch	38.	Fire Switch Alarm with hammer
17.	Ordinary Hand Control Branch (Copper)	39.	Bolt Cutter
18.	Fog Branch	40.	Large Axe, Ordinary Axe
19.	Diffuser Branch	41.	Firemen Axe (Wooden)
20.	Revolving Branch	42.	Firemen Axe (Insulated Rubber Volt testing 2000 to 25000)
21.	waster Cutter (Mayur)	43.	Gum Boot

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22.	Fast Active Nozzle (Fog Type)	44.	Salvage Sheet
45.	Life Jacket	70.	Pickup tube
46.	Life Boa	71.	Connecting tube
47.	Rubber Gloves	72.	Safety Helmet
48.	Asbestos Gloves	73.	Shovel
49.	Ear Mutt	74.	Spade
50.	Hopper	75.	Tagari
51.	Hammer	76.	Crow bar
52.	Mattock	77.	Fire Bucket
53.	Oxi-Jinger (cat style)	78.	First Aid Box
54.	Wrench (related to Extinguisher tools)	79.	Manual Call Point
55.	Rope ladder	80.	Mechanical Foam 20 kg. jerry
56.	35" feet Aluminum extension Ladder	81.	DCP powder
57.	Synthetic Rope	82.	Aluminum Fire suti
58.	Manila Rope	83.	Overall (Dangri)
59.	Wire Rope (Metal)	84.	Smoke Detector
60.	Safety Belt (Harness)	85.	Fire Alarm Control Panel
61.	Net (for rescue)	86.	Smoke Chamber
62.	Nep Senk tank	87.	Drill Tower (Multistoried Tower (Multistoried for Rescue work)
63.	Low Pressure Applicator Branch	88.	Fire Hydrants (Water Source)
64.	F.B. 2 Branch	89.	Sprinkler
65.	F.B. 5 x Branch	90.	Hand Control Siren
66.	F.B. 10 Branch	91.	Trailer Pump
67.	F.B. 10 with pickup tube Branch	92.	Hose reel, Hose & one Hose box
68.	M.F.G 5 Branch	93.	Fire Foam Tender
69.	Inline Inductor (for foam making)		

D. **Physical Facilities:** The institutions should have the facilities for drinking water, bathrooms & toilets.

E. **Library:** Library should have a minimum 10 books/articles/magazines etc. related subject.

F. **Faculty & Supporting Staff:**

Faculty & Supporting Staff	Educational/Professional Qualification	No.
Coordinator	Educated/Professional	01
Instructor (theory)	Diploma in Fire engineering	02
Instructor (practical training)	Or Fireman certificate course with 1 year experience)	
	Or Certificate	
Receptionist cum clerk	Relevant to job	01

G. **Batch size -** Maximum 30 students in one batch.

Note : Institute can run maximum 2 batches of this course

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