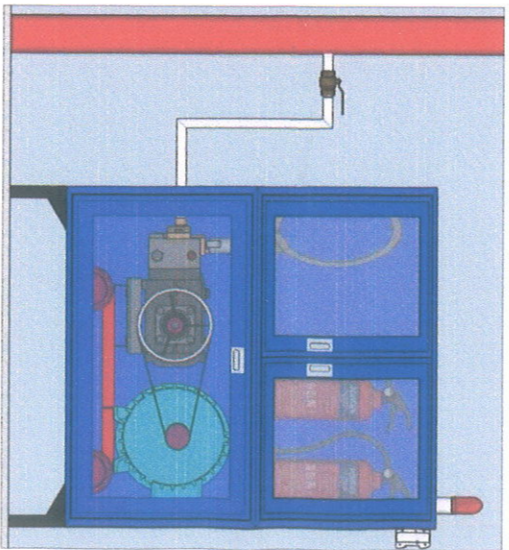
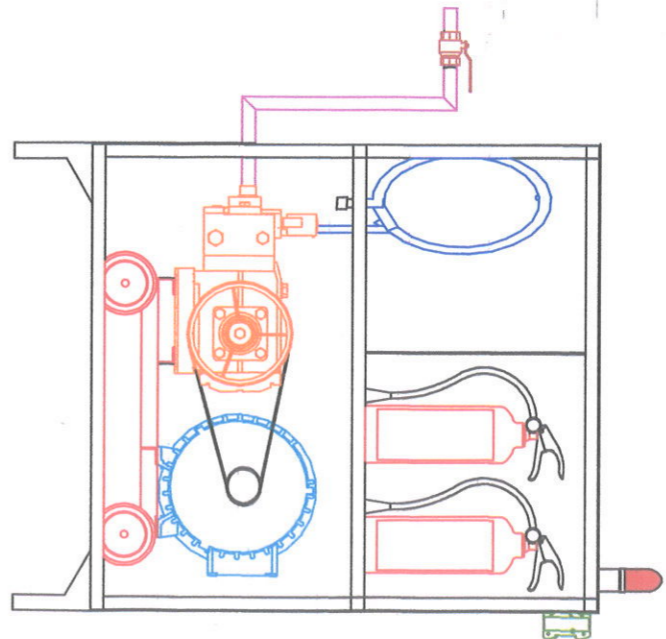


E
RETRO FITTING FOR DOWNCOMER / WETRISER
HOSPITALS BUILDINGS
 TYPICAL SCHEMATIC OF FIRE FIGHTING EQUIPMENT



SHOWN AS	DESCRIPTION
	2HP HIGH PRESSURE PLUNGER PUMP
	HIGH PRESSURE HOSE
	FIRE EXTINGUISHER
	BALL VALVE
	CIRCUIT BREAKER (MCB)
	LIGHT INDICATOR



Let there be Visible cabinet
 to place the Plunger Pump
 No that it is accessible in
 case of accident.

Fire Fighting System Requirement

SL/No	FLOOR	EXTINGUISHERS	MCP	ALARM HOOTERS	HEAT DETECTORS	SMOKE DETECTORS	2HP PLUNGER PUMP	6HP PETROL PLUNGER PUMP
1	TYPICAL FLOOR	REQ. NOTE 1	REQ. NOTE 2	REQ. NOTE 3	REQ. NOTE 4	REQ. NOTE 5	REQ. NOTE 6	REQ. NOTE 7

- NOTE 1: Required 1no. per every 100 sq.m
- NOTE 2: Required 1no. @floor in every staircase.
- NOTE 3: Required 1no. @floor in every staircase.
- NOTE 4: Required in basement floor / parking floor.
- NOTE 5: Required in all floors except basement floor/parking floor
- NOTE 6: Required 1no. per every floor / (1no. per every 1000 sq.m)
- NOTE 7: Required 1no. at basement / parking floor (1no. per every 1000 sq.m)

500 m ✓

19/9/2019

Director General
State Disaster Respons. & Fire Services,
Andhra Pradesh, Vijayawada.

1. Ensure compulsory 2-exits (Second exit either can be ramp, stair case, fenced pathway to adjacent building tube lift.)
2. Ensure installation of MCBs for all whenever necessary.
3. Ensure emergency power for fire fighting pumps
4. LED lighting in closed room, corridors, stair case connected to inverter (Battery) to ensure well light pathway for exit & evacuation.
5. Grounding/Earthing shall be done as per BIS.
6. Lighting Arrests shall be installed for building greater than 5 floors.
7. Smoke management which is ensured through smoke test. At parking floors (Non open floors i.e Basement), temperature sensor at various location connected to hooters to alert
8. Ensure Smoke Detector in all floors connects to Alarm Hooter.
9. Existing pump house at UG sump level can be removed