

DIRECTORATE OF MAHARASHTRA FIRE SERVICE

FIRE SERVICE WEEK – 14th to 20th APRIL

RULES FOR TACTICAL CUM COMBAT FIRE DRILL COMPETITION

I. GENERAL ARRANGMENTS:

- i. Each Team shall comprise of 06 Officer/Fire Personnel and 1 Reserve (irrespective of any rank).
- ii. The Personnel working as Driver shall possess a valid driving license issued by RTO.
- iii. Each Team members will wear respective uniform issued by their Department.
- iv. Compulsion of Helmet and Gumboot.
- v. The Pattern of Uniform of all the crew members shall be same.
- vi. Fire Engine, Bag weighing of approx 14 kgs (Two length of 15 Mtr Cotton Delivery Hose without couplings) and Randy (Human Dummy weighing approximately 45 kgs) shall be made available by Organizer (Directorate of Maharashtra Fire Service) whereas each participating team shall carry their own Ladder, 02 Nos. of Delivery Hose and Standard Branch.
- vii. Length of each delivery hose shall be measured by the organizing committee to ensure that these are not less than minimum require of 48 feet.

NOTE :

- 1) The Reserve would be eligible to get the Certificate if the team is successful.
- 2) From Next Year, the said drill will conducted on 2nd Sat of Feb every year instead of April Fire Week

II. PLACEMENT OF TEAM AND EQUIPMENT (REFER SKETCH 01) :

1. Starting line will be drawn leaving distance of 20 feet from the Water Tender which will be kept stationery leaving a distance of about 30 feet from Drill Tower.
2. The Water Tender will be kept equipped with rear mounted Pump. Two Hoses each not less than 48 feets length with appropriate branches with ½ inch Nozzle. The Extension Ladder of 10.5 Mtrs. will be kept mounted on gallows of the vehicle. All the equipment mentioned above will be kept in respective locker places.
3. A Fire Target will be placed at distance of approximately 120 feets from the Water Tender.
4. Randy (Human Dummy weighing approximately 45 kgs) shall be kept at the foot of the Drill Tower.
5. The equipments required for the drill such as Hose, Branch with nozzle & Ladder will be of the respective teams

III. COURSE OF COMPETITION / METHOD TO CARRY OUT THE DRILL :

1. The Participating Team will stand at attention on the starting line facing the Water Tender.
2. On blow of first whistle, ladder will be un-shifted (removed) from Water Tender as well as delivery hose shall be laid as per the planned strategy or Officer-in-Charge should get its work in the following way:
 - a) Extension Ladder should be un-shifted (removed) from the Water Tender and shall be extended up to 2nd floor of Drill Tower. Simultaneously other crew members shall lay one line of two delivery hoses each not less than 48 feet from rear mounted pump, fully extended at ground level only. The water from appliance tank shall be utilized for knocking off the target. By the time, the target is knocked off, the climber shall climb the second floor (without skipping the round except at take off from ground level or entering the window) and shall pull the Bag weighing of approx 14 kgs (Two length of 15 Mtr Cotton Delivery Hose without couplings) which will be tied by the

help of rope). As soon as delivery hose is pulled and kept on the floor, he shall raise his hand. As the Climber raises the hand, judge shall blow the Second Whistle. The second whistle blown shall also depend upon knocking down their target or whichever is later. Making up should not be started before blowing of second whistle.

- b) On blowing of second whistle, the ladder should be carefully brought back to water tender and all other gears viz. Hoses Branches, etc. should be kept back in their locker places. During the make up, any one of the member shall also carry the dummy (Inclined Drag Method – raising the person up to chest level and then dragging) up to 30 feet.(30 feet is measured from foot of the dummy to the dummy finishing line). The feet of the dummy shall be beyond the 30 feet line. On making up all gears the team shall cross the starting line upon which 'Final' whistle will be blown.
- c) The times starting from the blowing off the first whistle to the blowing of the final whistle will be the total time taken by the team for completion of Drill. Penalty time shall also be added to this time for "Final Timing".
- d) Only One Member of the team is authorized to register protest, if any, before result is declared, but final decision will be of Judges.

IV. FINAL TIMING : Actual timing plus penalties shall be recorded as "Final Timing"

V. WINNER: The Team completing the entire Drill in shortest time shall be declared as Winner. The next two shall be declared as 1st Runner Up and 2nd Runner Up respectively

VI. JUDGES SIDE:

- There will be maximum four judges and one main judge.
- Main judge shall be responsible for blowing starting and final whistle.
- One of the Judges shall be responsible for ladder part and all penalties related to ladder shall be seen by him
- Second Judge shall be responsible for hose part
- Third judge shall be responsible to see the weigh bag and the blowing of second whistle after the weigh bag is pulled up and hand raised by the climber after pulling the weigh bag, whichever is later. The second whistle blown shall also depend upon knocking down their target or whichever is later.
- Fourth Judge shall be responsible for other parts like gallows of fire engine, dummy, lockers and PTO
- Decision of the Main Judge shall be final.

PENALTIES OF TACTICAL MEDLEY FIRE DRILL COMPETITION

Sr. No	Particulars	Seconds
01	Starting the drill before blowing of whistle	05 Sec
02	Falling/Banging of the ladder either on fire engine or ground or tower while removing or making up will attach penalty each	02 Sec per fault
03	Failing to position the ladder in between base line at the lowest.	02 Sec
04	Failing to engage the ladder.	05 Sec
05	Failure to pitch the ladder above the horizontal mark on the Drill Tower.	02 Sec
06	Skipping of Round while ascending	02 sec
07	Skipping of Round while descending	02 sec
08	Sliding over the ladder is not permissible. Any crew adopting this method of descending	Disqualified
09	Leaving the ladder unattended while a Member of the crew is ascending or descending.	03 Sec
10	Mishandling of equipment & appliance (dropping of branches, dropping of Couplings, dropping of weigh bag (ground touch), Damage of appliances, etc.)	2 Sec per fault
11	Disconnection of the hose coupling or branch before blowing second whistle.	05 Sec per fault
12	Starting make-up before the second whistle is blown.	05 Sec
13	Excessive dragging of delivery hose.	02 Sec
14	Failure to roll up hoses properly.	02 Sec per hose
15	Failure to secure the ladder properly on gallows of Fire Tender.	02 Sec
16	Missing of equipment on the ground.	03 Sec per eqpt
17	Failure to replace hose in proper place per fault.	03 Sec per hose
18	Failure to keep branch in proper place	02 Sec
19	Failing to disengage Pump gear.	05 Sec
20	Failing to cross dummy after the designated line (30 feet)	10 Sec
21	Failing to close the lockers properly.	02 Sec

DIRECTORATE OF MAHARASHTRA FIRE SERVICE

FIRE SERVICE WEEK – 14th to 20th APRIL

RULES FOR INDIVIDUAL LADDER CUM COMBAT DRILL COMPETITION

I. UNIFORM :

- i. Each Team members will wear respective uniform issued by their Department.
- ii. Compulsion of Helmet and Gumboot.
- iii. Maximum 03 nos. of Participant will be allowed to participant from each fire service

II. PREPARATION:

- A. The Ladder for Individual Drill shall be arranged by Directorate of Maharashtra Fire Service. Ladder shall conform to IS 4571:1977 having length as 10.5 Mtrs and distance between the round as 25 cms (centre to centre).
- B. Bag weighing of approx 14 kgs (Two length of 15 Mtr Cotton Delivery Hose without couplings) and Randy (Human Dummy weighing approximately 45 kgs) shall also be made available by Organizer (Directorate of Maharashtra Fire Service) and shall be kept at the designated place on the ground floor.
- C. The Ladder will be pitched in advance under the guideline of referees.
- D. A Starting / Finishing line will be drawn at a distance of 15 fts. from Ladder.

III. DRILL:

- A. There shall be two Judges to see the entire event. One Main Judge and another judge for looking at penalty shall be appointed.
- B. Main Judges shall blow whistle when the time recording shall commence. At the blowing of the whistle, the participant will climb the ladder up to second floor. Once inside, he shall pull up the weigh bag by the help of the rope. As soon as bag is pulled and kept on the floor he shall start descending the ladder.
- C. Once down he shall pull the dummy inclined to the finishing line.
- D. Once the finishing line is crossed along with the dummy, Judge shall blow second whistle and record the time between 1st & 2nd whistle. (judge before blowing the whistle shall ensure that full part of the dummy has crossed the line). Actual timing plus penalties shall be recorded as "Final Timing"

Sr. No	Particulars	Seconds
01	Starting the drill before blowing of whistle	05 Sec
02	Skipping of Round while ascending	02 sec
03	Skipping of Round while descending	02 sec
04	Sliding over the ladder is not permissible. Any participant adopting this method of descending	Disqualified
05	Failing to pull up the weigh bag completely	disqualified

FINAL TIMING : Actual timing plus penalties shall be recorded as "Final Timing"

WINNER : The participant completing the entire Drill in shortest time shall be declared as Winner. The next two shall be declared as 1st Runner Up and 2nd Runner Up respectively.