

## Conditions for the Implementation of the Sports Discipline "Combat Deployment from a Motor Pump" (for Men)

A ROSENBAUER FOX IV electric starter motor pump and the following equipment are used for the sports discipline "Combat Deployment from a Motor Pump":

1.	Suction (intake) hoses <i>(the bending radius of both hoses must be the same)</i>	2 pcs.	Ø 110 mm	2.5 m ( $\pm$ 5 cm)
2.	Suction strainer	1 pc.	Ø 110 mm	
3.	Main (pressure) hoses	3 pcs.	Ø 75-77 mm B 75 mm	20 m ( $\pm$ 1 m)
4.	Working (pressure) hoses	4 pcs.	Ø 51-52 mm C 52 mm	20 m ( $\pm$ 1 m)
5.	Three-way (cock) branching	1 pc.		
6.	Non-cock nozzles (without shut-off)	2 pcs.	Ø 51-52 mm	spray nozzle diameter 12-13 mm
7.	Keys	2 pcs.		
8.	Shield for laying the equipment	1 pc.		2x2 m, height 10 cm
9.	Water tank with capacity of	1 pc.	1000 liters (at least)	H = 800 mm L = 1200 mm D = 1100 mm L,D – subject to change
10.	Targets	2 pcs.	tank capacity >10 liters	-

The organization conducting the competition provides firefighting equipment (hoses, motor pumps, etc.); pressure hoses must be of the same length for all sets.

The target tank (with a capacity of over 10 liters) must be made of transparent material.

4 m to the left of the shield edge, a water tank is installed. The motor pump, hoses, branching, nozzles, strainer and keys are placed on the shield. The equipment must not protrude beyond the dimensions of the shield, with the exception of the suction hoses (the suction hoses must not touch the track surface).

When laying the equipment on the shield, all couplings must be disconnected; the distance between the lugs must be at least 0.5 cm.

The starting line is drawn 10 m from the center of the shield in the direction of movement, in front of it, behind it and to the right of it. The start is taken by a team of 7 people from one of the starting lines at the same time.

The position of the clutch levers and the vacuum pump before the start is determined and set by the team member independently.

The ignition before the start is turned on by the judge of firefighting equipment.

After the "Start" signal, the participants run to the shield, connect the main line with the motor pump and branching, and lay two working lines with two hoses. The nozzle men go to their positions at the boundary line (85 m from the center of the shield). At the same time, the suction hoses are connected to each other, to the suction strainer and to the motor pump. After completing the exercise, the judge near the shield checks the connection of the strainer with the hose.

The suction strainer must be connected to the suction hose before it touches the water in the tank.

The motor pump is started and water is taken from the tank (with a capacity of 1000 liters) and supplied through hose lines. The exercise is considered completed after the nozzle men fill the tanks of two targets with water (10 liters each) and the judge near the shield confirms that the strainer is attached to the hose.

When laying the equipment before the "Start" command, the discharge valve, gasoline cock and cap must be open.

When holding Combat Deployment from a Motor Pump competitions, fire hoses are handed over for preparation 1 hour before the start of the competition.

40 minutes before the start of the competition, the nozzles are tested and the operation of the targets is checked.

The motor pump and shield are provided to the first race 5 minutes before the start of the competition. It is allowed to turn on the motor pump during the 5 minutes provided for preparation.

The organizers of the competition are obliged to provide video filming of the boundary line of the nozzle man's position.

The team is **disqualified** in the following cases when performing "Combat Deployment from a Motor Pump":

- allowing a false start;
- connecting the hoses to each other in advance;
- placing the equipment and inventory outside the shield, with the exception of the suction hoses, which must not touch the surface of the track;
- exceeding the time (5 minutes) provided for preparation from the moment the judge called and the motor pump was installed on the shield;
- performing the exercise in violation of equipment requirements;
- allowing any part of a team member's body to touch or cross the boundary line of the nozzle man's position. The fall of equipment over the line (as well as touching the line) before the completion of the exercise is considered a violation.

**Note:**

- *During the competition, it is recommended to hand over individual firefighting equipment (fire hoses) for each team;*
- *Nozzle men are allowed to help each other from their position when filling the targets, without touching the dividing line, which is drawn perpendicular to the boundary line from its centre at a distance of 10 m towards the running track;*
- *When performing the exercise, the tank and the shield are installed along their central axis;*
- *The scoring should be additionally monitored by a digital camera.*