



Edgerton Fire Protection District

Skill Drill #104 - Air Consumption Course

Training Center

Follow guidelines outlined in the Air Consumption Drill Outline

Course Outline

Place high rise pack at the rear door of maze building

Proceed to top floor of maze

Locate training dummy and bring back to the point of entry

Enter maze from top floor

Exit at the bottom floor of the maze

Pick up high rise pack and proceed to telephone pole chopping block

Each partner will chop 20 times with each arm (40 total)

Proceed to 3 level of training tower

Hoist 3" hose bundle to top of railing and place on floor

Other partner will lower 3" bundle back to the ground.

Both partners will head back down to the ground level

Pick up high rise pack and proceed to safety cones

Move balls from the top on one cone to the cone directly across from the first cone

Each partner will move all of the balls from one side to the other

The goal is to ensure that both members of the team work together and run out of air at the same time. To accomplish this, buddy breathing will be necessary. When the low air alarm sounds, the partners will finish the rest of the drill while buddy breathing.

When completed, all participants shall go through a rehab station according department guidelines.



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Participant Score Sheet					
Name:		Age:		Date:	
Medical Screening					
Vital Signs		Rotation 1		Rotation 2	
Pulse					
Blood Pressure					
Respirations					
Cylinder Pressure		Low Pressure Act. Time		Total Operating Time	
Rotation 1	Psi.	Rotation 1	Min.	Rotation 1	Min.
Rotation 2	Psi.	Rotation 2	Min.	Rotation 2	Min.
Stations Completed		Escape Time		Consumption Rate	
Rotation 1		Rotation 1	Min.	Rotation 1	Psi./Min.
Rotation 2		Rotation 2	Min.	Rotation 2	Psi./Min.

Members are graded on their overall endurance (air consumption / minute) and the number of tasks/station completed.

ENDURANCE COURSE RESULTS

- **Estimated Escape Time:** Time at which low-pressure alarm activation occurs until the member is no longer receiving adequate air to continue or at which time the firefighter is unable to complete an additional task. (Example: Total evolution time 22:15 - L/P Alarm activation time 17:30 = Estimated escape time: 4:45 minutes.
- **Estimated S.C.B.A. Operating Time:** Total time the member is able to physically perform the designated task in an acceptably safe and coordinated manner = Total endurance drill time: 22:15.
- **Estimated Air Consumption Rate:** Rate at which member consumes the supplied air throughout the operation. Starting pressure 4500psi / S.C.B.A. Operating Time 22:15 = Air consumption rate of 200 psi./minute.