



Fire Protection Training

Procedures Handbook 4300

WATER SUPPLY SYSTEMS

TOPIC: Portable Water Tanks

TIME FRAME: 15 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: The student will list and describe considerations for deploying portable water tanks.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- Appropriate visual aids
- Audio visual equipment

REFERENCES:

- IFSTA, Water Supplies for Fire Protection, 4th Edition, Chapter 7

PREPARATION: Portable water tanks are valuable resources where permanent water sources are unavailable for firefighting purposes. Many rural structures are destroyed by fire because firefighters do not have a water supply. When a portable tank is deployed at the fire scene, a water shuttle can make the difference between a good stop and a total loss.



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PORTABLE WATER TANKS

PRESENTATION	APPLICATION
<p>I. TYPES OF PORTABLE WATER TANKS</p> <ul style="list-style-type: none">A. CollapsibleB. Rigid<ul style="list-style-type: none">1. Fiberglass2. Wood3. SteelC. Temporary (improvised)<ul style="list-style-type: none">1. Temporary tanks can be set up using anything available<ul style="list-style-type: none">a. Ground ladders and salvage coversb. Stock watering tanks (cattle, sheep, etc.) <p>II. PORTABLE TANK SIZES</p> <ul style="list-style-type: none">A. Commercial - Up to 3000 GallonsB. Locally Built - Up to 6000 Gallons <p>III. CONSIDERATIONS FOR DEPLOYMENT</p> <ul style="list-style-type: none">A. Level Ground	<p>What might a rigid portable tank be made of?</p> <p>What are some items that could be used?</p> <p>What are some of the considerations for deployment of portable tanks?</p>



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PRESENTATION	APPLICATION
<ul style="list-style-type: none">1. No sharp objects on ground<ul style="list-style-type: none">a. Can puncture tankB. Access<ul style="list-style-type: none">1. Should not restrict apparatus placement2. Close enough to pumping engine3. Easily filled by available equipmentC. Tank Is Not Portable Once Deployed	



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SUMMARY:

With the increased deployment of out-of-area apparatus to protect structures in rural areas, firefighters should know how to set up, supply and pump from portable water tanks.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).