



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: Fire Hose Couplings, Inspection During Bedding Operations

TIME FRAME: 15 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: The student will identify the inspection procedures for hose couplings during loading operations.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- One length of fire hose with male and female couplings
- One length of fire hose with Storz coupling
- Appropriate visual aids
- Audio visual equipment

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10

PREPARATION:

Before any piece of equipment is placed on the apparatus it should be in top operating condition. Hose couplings are vital for attaching lengths of hose and hose appliances. If damaged couplings are not discovered during bedding operations they can significantly slow fire fighting operations.



Fire Protection Training

Procedures Handbook 4300

FIREHOSE COUPLINGS, INSPECTION
DURING BEDDING OPERATIONS

PRESENTATION	APPLICATION
<p>I. WHEN COUPLING HOSES OR APPLIANCES TOGETHER, THE ITEMS USED MUST BE INSPECTED FOR THE FOLLOWING:</p> <p>A. Male Coupling</p> <ol style="list-style-type: none">1. On hose or appliance tight2. Threads are in good condition3. Coupling is round4. Coupling is free of burrs5. Coupling is clean <p>B. Female Couplings</p> <ol style="list-style-type: none">1. On hose or appliance tight2. Threads are in good condition3. Coupling is round4. Coupling is free of burrs5. Coupling is clean6. Swivel spins freely7. Swivel gasket is in place <p>C. Storz Coupling</p> <ol style="list-style-type: none">1. On hose or appliance tight2. Coupling is free of burrs3. Coupling is clean	<p>Have students cite what items should be inspected</p>



Fire Protection Training

Procedures Handbook 4300

FIREHOSE COUPLINGS, INSPECTION
DURING BEDDING OPERATIONS

PRESENTATION	APPLICATION
<ul style="list-style-type: none">4. Swivel spins freely5. Gasket is in place and clean6. Connecting lugs are not damaged <p>II. WHEN CONNECTING COUPLINGS TOGETHER FOR BEDDING OPERATIONS, ADDITIONAL CARE MUST BE TAKEN TO COMPLETE OR CHECK EACH OF THE FOLLOWING:</p> <ul style="list-style-type: none">A. That Flat Sides of the Hose Are In the Same Plane (i.e., flat to flat)B. That Couplings Are Connected Hand Tight Only<ul style="list-style-type: none">1. May have to loosen by hand on fireground if full bed is not usedC. That Wrenches and Undue Force Are Not UsedD. That Threads Are Not Crossed<ul style="list-style-type: none">1. Higbee cut is intended to prevent this	



Fire Protection Training

Procedures Handbook 4300

FIREHOSE COUPLINGS, INSPECTION
DURING BEDDING OPERATIONS

SUMMARY:

Hose couplings require frequent attention and inspection. If inspections are not done properly, fireground operations may fail resulting in loss of life or significant property damage.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).