



FIRE PROTECTION TRAINING

Procedures Handbook 4300

HOSE

TOPIC: How To Uncouple A Tight Coupling, Stiff-Arm Method - Two Person

TIME FRAME: :15

LEVEL of INSTRUCTION: Level II

BEHAVIORAL OBJECTIVE:

Condition: Two lengths of hose, with male and female couplings, tightly preconnected

Behavior: The student will uncouple a tight coupling using the two person stiff-arm method under simulated fire conditions.

Standard: With a minimum 80% accuracy within 30 seconds

MATERIALS NEEDED:

- Two sections of tightly preconnected hose per student
- Performance examinations
- Individual score sheets
- One (1) stop watch
- One (1) clip board
- One (1) red pen
- Appropriate fire safety PPE per CAL FIRE policy

REFERENCES:

- IFSTA Essentials of Fire Fighting, 5th Edition

PREPARATION:

It is not uncommon to encounter a situation where a tight coupling can not be uncoupled by one person. In these situations two options are available. Spend valuable time obtaining spanner wrenches or seek assistance from a second firefighter. If the second firefighter is available the two person stiff-arm method may be of value to you.



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HOW TO UNCOUPLE A TIGHT
COUPLING, STIFF-ARM
METHOD-TWO PERSON

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|----------------------|--|
| 1. Take position | 1a. Near hose
b. Facing each other |
| 2. Position feet | 2a. Shoulder width apart
b. Well balanced
c. Not straddling hose |
| 3. Grasp coupling | 3a. Both persons
b. Two handed grip
c. Arms stiff and straight
d. Elbows slightly out |
| 4. Push inward | 4a. Both persons
b. Compressing gasket |
| 5. Lean away | 5a. Clockwise direction
b. Leveraging weight of bodies |
| 6. Swing body | 6a. In direction of turn (counter clockwise)
b. Using weight of body to snap coupling loose quickly
c. Maintaining compression |
| 7. Position fittings | 7a. Gently
b. On the ground |



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APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).