



Fire Protection Training

Procedures Handbook 4300

TOOLS & EQUIPMENT

TOPIC: Traffic Control Devices and Signals

TIME FRAME: 15 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: Student will list and describe equipment used for traffic control and be able to describe traffic signalling procedures.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- Paddles
- Vests
- Flags
- Other appropriate signal devices
- Visual aids
- Audio visual equipment

REFERENCES: None

PREPARATION: Traffic control operations involve responsibility for the safety of yourself, oncoming motorists and on-scene personnel. Being constantly alert, evaluating the traffic situation and directing traffic appropriately lessens the possibility of additional accidents, injuries and liability.



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TRAFFIC CONTROL DEVICES
AND SIGNALS

PRESENTATION	APPLICATION
<p>I. USES OF FLAG OR SIGNAL PERSON</p> <p>A. Used When Traffic on a Public Road Should:</p> <ol style="list-style-type: none">1. Stop2. Slow, or3. Proceed at a Speed Different from Normal Because of Modified Activity. <p>B. If Possible, Flagperson Should be Situated Where He/She Can Observe Scene Area.</p> <p>C. If Flagperson Has to be Situated Where Scene Cannot Be Observed (around a curve, over a hill), good communications are necessary (use Handi-Talki).</p> <p>D. Flagperson Must be Constantly Aware of Approaching and Passing Traffic.</p> <p>E. If Approaching Traffic Is Backed Up To Where It Has Gone Past Posted Warning Devices, Flagperson Should Advise Those Responsible That Additional Devices or Personnel Are Needed.</p> <ol style="list-style-type: none">1. Flagperson must be able to evaluate traffic conditions and respond to possibility of additional accidents caused by the traffic control measures. <p>II. FLAGPERSON-DEMEANOR</p> <p>A. You Must Direct the People in the Vehicles.</p> <ol style="list-style-type: none">1. You are making decisions for them.	<p>The term Flagperson in this lesson plan includes signal persons also</p>



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<ul style="list-style-type: none">2. Your directions may counter normal rules of the road. <p>B. Directions Must Be Understood.</p> <ul style="list-style-type: none">1. Use proper signals in a decisive and authoritative manner.2. Minimize other body movements which may confuse motorists.<ul style="list-style-type: none">a. Turning, shuffling.b. Arm, head, leg movement.3. Clear and Unequivocal Direction <p>III. SIGNALING DEVICES</p> <p>A. Flags</p> <ul style="list-style-type: none">1. Red or high visibility orange (minimum 16" x 16").2. Used to stop or slow traffic.3. Used with stop/slow paddle.4. Need illumination if used at night. <p>B. Paddles</p> <ul style="list-style-type: none">1. "Stop" on one side, "Slow" on other side.2. Should be made of reflective material with a minimum of 5" letters.3. Used to stop or slow traffic.4. Used with warning flag.5. Need illumination if used at night. <p>C. Vests</p>	



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<ul style="list-style-type: none">1. High visibility orange with reflective strips.2. Used by flagpersons for improved visibility by traffic. <p>IV. SLOWING TRAFFIC</p> <ul style="list-style-type: none">A. Paddles and Flags<ul style="list-style-type: none">1. "Slow" sign in one hand.2. Flag extended to other side.3. Wave flag with a sweeping motion.B. Hand Signals<ul style="list-style-type: none">1. Look at driver<ul style="list-style-type: none">a. Make eye contact2. Raise either hand/arm to shoulder height.<ul style="list-style-type: none">a. Maintain eye contact with driver.3. Point index finger at driver.4. With other arm fully extended to the side of the body5. Hand open with palm down6. Repeatedly move hand from shoulder height to a point half way to the waist and back to shoulder height <p>V. STOPPING TRAFFIC</p> <ul style="list-style-type: none">A. Paddles and Flags<ul style="list-style-type: none">1. "Stop" sign in one hand, held at head level or above.2. Flag held straight out to side.	



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<p>B. Hand Signals</p> <ol style="list-style-type: none">1. Look at driver.<ol style="list-style-type: none">a. Make eye contact.2. Raise either hand/arm to shoulder height.<ol style="list-style-type: none">a. Maintain eye contact with driver.3. Point index finger at driver.4. Raise palm of hand towards driver. <p>VI. STARTING TRAFFIC</p> <p>A. Paddles and Flags</p> <ol style="list-style-type: none">1. Drop flag to side.2. Place paddle under flag arm.3. Use free arm to give a deliberate motion across your body. <p>B. Hand Signals</p> <ol style="list-style-type: none">1. Make eye contact with driver.2. Stand with your side towards traffic.3. Raise either hand/arm shoulder high.	<p>What types of arm/hand signals are use to stop traffic?</p> <p>Have demonstrator show class as instructor explains each technique.</p>



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<p>b. Hold stop signal.</p> <p>c. Make and maintain eye contact with driver turning left</p> <p>d. Raise arm shoulder high, give turning gesture.</p> <p>e. Point index finger at driver making left turn</p> <p>(1) Maintain eye contact</p> <p>f. Swing free arm in direction left turning driver is intended to travel</p> <p>VIII. SAFETY CONSIDERATIONS</p> <p>A. Wear Helmet and Safety Uniform.</p> <p>B. Wear Bright Protective Clothing and/or Vest.</p> <p>C. Be Prepared to Take Evasive Action.</p> <p>D. Observe and Anticipate Actions Driver's May Take.</p> <p>E. As a Flagperson, You May Disrupt Normal Traffic Patterns and Overrule Normal Traffic Control Devices (e.g. stop signs/lights). This Abnormal Situation May Cause Unexpected Behavior on the Part of the Motoring Public.</p>	<p>What arm/hand signals are used to direct left hand turns?</p>



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SUMMARY:

Appropriate use of hand signals at an emergency incident can ensure the safety of firefighters, facilitate traffic flow and minimize secondary accidents.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).