



FIRE PROTECTION TRAINING

Procedures Handbook 4300

MOBILE EQUIPMENT

TOPIC: How to Use Backing Guide Hand Signals

TIME FRAME: :15

LEVEL OF INSTRUCTION: Level I

BEHAVIORAL OBJECTIVE:

Condition: Given an engine with a qualified operator and an offset backing course

Behavior: The student will demonstrate the four (4) proper backing hand signals by guiding an engine through an offset backing course under simulated fire conditions.

Standard: With a minimum of 100% accuracy within three (3) minutes

MATERIALS NEEDED:

- An engine with operator
- Backing course with offset obstacles
- 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:

- CAL FIRE, Mobile Equipment Management Procedures Handbook, (6786)

PREPARATION:

Each year many department vehicles are involved in backing accidents. It is CAL FIRE's policy that a back-up person will be used whenever an engine is being backed!



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HOW TO USE BACKING
GUIDE HAND SIGNALS

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|--|--|
| 1. Student disembarks the engine | 1a. Upon command
b. Facing direction of travel
c. Does not jump |
| 2. Student obtains directions | 2a. From operator
b. Path of travel
c. Ending position |
| 3. Student positions self | 3a. Minimum 15' to rear of engine
b. Side opposite operator
1. Unless more hazards on operator's side
c. Eye contact with operator in mirror |
| 4. Student guides engine operator | 4a. Backing through course
b. Using the four (4) standard hand signals
c. Maintaining a safe position
d. Remaining in the operator's view at all times
e. Making at least 1 emergency stop
1. Stop hand signal
2. Shout " STOP "
f. Engine remaining on the course |
| 5. Student returns to seat on the engine | 5a. Upon command of operator
b. Fastens seat belt/shoulder belt
c. Proper eye protection worn
d. Proper ear protection worn |
| 6. Student advises operator when ready | 6a. Verbally
b. With crew compartment horn (if equipped) |



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GUIDE HAND SIGNALS

APPLICATION:

The student will practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by instructor(s).