

Fire Engineering

Company Training Drill

NFPA Objectives (JPR's)	Job Levels	Critical Safety Points
<ul style="list-style-type: none"> NFPA 1001 (2008) 5.3.17 	<ul style="list-style-type: none"> All firefighters 	<ul style="list-style-type: none"> Electrical safety, trip hazards, exhaust of fumes

Generator / Portable Power Supplies

Many incidents require some type of generator based power supply for fans, lights, and other equipment. Be proficient before this equipment is needed in a hurry. Quick set-up requires a knowledge of circuit breaker, load ranges, amp rating and a variety of other factors. Review the capabilities and limitations of permanently mounted generator equipment and the available portable resources to bring power supplies to an incident. Make sure all manufacturer information is followed especially on load ratings of the outlets and equipment. Discuss extended operations and servicing of these units.

Task

(Minimum Standard)

Supply 110v power to junction box for lighting scene and fan use

(Highly Skilled Level)

Identify the maximum number of appliances that can be used on this generator equipment



Skill Tips

- Use the shortest cords you can when possible
- Secure the connection point with a quick square knot or other knot
 - Keep cords out of water when possible
- Junction boxes should be placed near doorways for consistency
- Consider all safety aspects of electrical safety, do not place cords in water, trip hazards with cords
 - Exhaust hazards are present with gas fueled equipment

Competency

Lighting of scene emergencies assists in identification of scene hazards. Crews must know the limitations of the generator equipment.

Drill Assigned to:	Local Drill Applications	Date of Drill:
SOG #:	Reading Assignment:	Practical Assignment: