

**EMERGENCY ENGINE GENERATOR SETS
LOCATION OF STATIONARY SETS
LOCATION AND ASSIGNMENT OF PORTABLE SETS
(OREGON AREA)**

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1. GENERAL

1.01 This practice provides general information on stationary and portable emergency engine generator sets available in the Oregon Area in the event of power failures.

1.02 This practice and its associated appendices show current information on the location, size and capacity of portable and stationary sets.

1.03 Assignment of emergency power equipment is based on the geographic location of the office and the equipment available. Emergency conditions may alter the choice of equipment and other arrangements will have to be made as the case dictates.

Caution: GASOLINE FUMES IN THE ENGINE CRANKCASE ARE EXPLOSIVE.

Caution: EXHAUST GASES ARE DANGEROUS WHEN INHALED.

Caution: NEVER OPERATE A PORTABLE EMERGENCY ENGINE GENERATOR SET INSIDE A BUILDING OR OTHER CLOSED AREA.

Caution: PORTABLE ENGINE SETS MUST BE PLACED SO THEY WILL NOT DAMAGE ADJACENT PROPERTY.

1.04 During major emergencies, the Area Emergency Control Center assigns all portable emergency generator sets.

2. ACCESSORIES

2.01 Suitable accessories, eg, gasoline can or tank, flexible leads, fittings, tools, etc, should accompany the engine generator set when it is placed on location during an emergency.

2.02 All portable engines must have central office equipment (COE) tags attached. Plant Instruction 160.50 contains tagging information.

3. PREPARATION

3.01 Before the emergency generator leads are connected, observe the following instructions:

- (a) Isolate the ac service panel from commercial power service by opening the main entrance switch. If both power and lighting energy are furnished from an emergency alternator set, also open the lighting entrance switch. To prevent the entrance switches from being closed inadvertently, they should be blocked in the open position or otherwise guarded.
- (b) If automatic starting is furnished block out all motor-generator sets by removing the motor ac fuses.
- (c) Connect the emergency alternator and start the engine.
- (d) If two or more engines are used and have not already been phased, adjust the alternator by closing the ac supply to one engine. If the engines rotate in opposite directions, open the main line switch at the alternator and reverse any two of the power lead connections.
- (e) If the emergency engine set is the dc generator type, connect like polarities on the power board or battery terminals.

Note: Set operation and adjusting procedures are covered in Divisions 155 and 159.

4. SHIPPING INSTRUCTIONS AND TRANSFERS

4.01 When an engine is temporarily transferred from one location to another, prepare a memo Form SN-65, in accordance with PI 160.50.

4.02 Permanent transfers require a numbered SN-65 (per PI 160.50). One SN-65-A ("COPY") must be sent to the equipment costs engineer responsible for all such transfers.

