### Start-Up and Shut Down Procedures – Generator Sets

**Operator/Inspector_____________________    Date__________________    Time__________________**

| Serial Number___________________  Machine Hours________________ |
|----------------------------------|-----------------------------|

**Was procedure step completed properly?**

- [x] Yes

**Evaluator Comments**

For more information, please refer to the Operation and Maintenance Manual or any other applicable manuals and instructions for this product. If you have questions, please contact your local Caterpillar dealer.

### BEFORE STARTING THE ENGINE…

- Perform a walk around inspection
- Overspeed shutdown should occur automatically, if not then press the emergency stop button to cut off fuel and/or air to the engine
- Inspect the engine for any hazards
- Be sure no one is on, underneath, or around the engine
- Ensure the lighting system is suitable for the conditions, if applicable
- Be sure all the lights work
- Make sure all guards and covers are installed correctly
- Do not bypass or disable the automatic shutoff circuits

### STARTING THE ENGINE…

- If there is a LOCKOUT/TAGOUT tag in place DO NOT start the engine. Consult the person who has locked the engine out
- Always start the engine from the operators compartment or from the engine start switch
- Always start the engine as described in the Operation and Maintenance Manual
- Check the water temperature gauge and the oil temperature gauge during the heater operation to be sure the jacket water heater (if equipped) and/or the lube oil heater (if equipped) is working properly
- Always start the engine in a well ventilated area, or be sure the engine is ventilated to allow the exhaust to go outside

### ENGINE SHUT DOWN…

- Remove the load in increments
- Open the circuit breaker
- Allow the engine to run for five minutes in order to cool
- Stop the engine

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