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| Hazards | |
| Tools/Equipment | flashlight |
| Employee Group(s) | Facilities Management – Central Heating Plant |

Required PPE:



Safety Shoes



Eye Protection



Ear Protection

SAFE WORK PRACTICES

- Do not perform the procedure or operate the equipment until you have been appropriately trained and authorized to do so by your supervisor.
- Inspect required personal protective equipment (PPE) and replace if required.

PROCEDURE

1. Check that all guards and covers are in place.
2. Look for any coolant leaks, loose bolts, cracked hoses, loose belts or bare or worn wiring.
3. Ensure that all fuel valves are open.
4. Check engine oil level – between “ADD” and “FULL”.
5. Check radiator coolant level – should be visible in bottom of sight glass.
6. Check fuel oil tank level.
7. Do not start engine if flywheel is turning.
8. Depress “Run” switch to start engine.
9. If engine fails to start within 30 seconds, release “Run” pushbutton and wait two minutes for motor to cool before trying again.
10. Once engine has started, do walk around check, looking for any leaks, etc.
11. Run engine for approximately 20 minutes. Fuel pressure should be 65-75 psi coolant temperature 170-180° F.
12. After 20 minutes running, depress “Stop” pushbutton.
13. Engine will go through a “Cool down” period and then will shut down.
14. Do final walk around check of engine, ensuring no problems and that oil level is normal.
15. Enter note in control room logbook that diesel generator was tested.

NOTE: All PPE, tools and equipment shall be used in accordance with provincial OH&S legislation, manufacturer’s specifications, applicable standards and codes of practice.