



SOP- D.G. Set

For Diesel Generator Manual Start:

- Engine start/stop switch in local position.
- Voltage up/down positions selector switch in Local position.
- Engine Speed raise/lower switch in local position.
- Push the start button to start the engine.
- To prevent damage to the starter, do not push the start button for more than 10 to 12 seconds.
- Check oil pressure after engine has started.
- Start DG scrubber.
- Check fans, cooling pump and radiator.
- Jacket temperature should be between 80 deg. c - 90 deg. c.
- Diesel is subject to contamination and corrosion within a period of one year. Regular generator set service exercise is highly recommended to use up stored fuel before it degrades.
- Engine exercise is required to be executed at least once a month for a minimum of 30 min. (in case not in use).
- Testing Batteries, weak or undercharged starting batteries are a common cause of standby power system failures.
- Check the coolant level during shutdown periods at the specified interval.
- Check the exhaust system. In case there are leaks along the exhaust line they should be repaired immediately.
- Oil drips and other issues are easy to spot and to be take care of when the engine is nice and clean.
- Visual inspection can guarantee that the hoses and belts are in good condition.

Ravi Kant Swami
1 October 2019

