START-UP INSPECTION CHECKLIST

STANDBY GENERATOR SET · INSTALLATION & COMMISSIONING

MODEL	SERIAL NUMBER	FUEL
OWNER	**DISTRIBUTOR**	**INSTALLER**
PHONE	**PHONE**	**PHONE**
PURCHASE DATE	**START-UP DATE**	**START-UP TECH**

PRE-START CHECK LIST

- ☐ Check for freight damage, loose screws, loose fuel hose connections, check every wire termination for solid tight fit. Terminations often loosen after long freight hauls.
- ☐ All fluid levels are correct: Anti-freeze, Battery electrolyte, & Crankcase oil.
- ☐ Generator is 100 feet or less from Transfer Switch controls. (Otherwise note distance: _____ FT.)
- ☐ All A-C & D-C controls & load wires are copper stranded (no solid wires). All D-C wires are run in separate conduit.
- ☐ Battery is new, fully charged and is at minimum required cold cranking amps or larger, for this gen-set model.
- ☐ Battery tests good with hydrometer. Unconnected battery voltage is _____ DC volts. Connect battery. Energize commercial powered battery charger. Battery voltage with battery charger on, is _____ D-C volts.
- ☐ All fuel lines, fuel connections, & electrical wiring are done by qualified and experienced installers.
- ☐ Check installation site carefully. It should be as close as possible to electric and gas utilities, but not so close that rain, snow, or ice can roll off a roof or other structure onto gen-set. Don't allow sprinklers, to spray into gen-set, or engine exhaust to exit towards buildings, under roof over-hang soffits, or towards plants or habitation. Make sure gen-set elevation is high and level for proper drainage, away from gen-set.
- ☐ Proper gen-set grounding is very important. Follow NEC-250 standards for proper grounding rod installation instructions. Improper or no grounding will make gen-set operation erratic and un-safe, as potential shock exists.
- ☐ Check your owners guide for even more information, for the best successful installation and operation.

START-UP CHECK LIST

- ☐ Follow Owners Manual instructions on initial generator set start-up.
- ☐ Check and correct any fluid, fuel or exhaust lines.
- ☐ Check and correct loose hardware, rattles, vibrations, loose wires.
- ☐ Allow engine to start and stop automatically several times by simulating a normal power failure.
- ☐ Manually start and stop engine several times from generator panel and transfer switch panel.
- ☐ Run generator and connect load. Assure that owner understands maximum load demands.
- ☐ Set Plant Exerciser to owner's required exercise period. (where applicable)
- ☐ Make sure all transfer and timing control options are adjusted and operating to owner's needs.
- ☐ Check over-crank shutdown by closing fuel valve and starting engine. Three individual 15 second engine crank cycles will take place before complete shutdown occurs.
- ☐ Test Voltage Output: No Load Volts _____ Frequency _____ .
  Full Load Volts _____ Frequency _____ .
- ☐ Battery Voltage while engine is cranking: _____ D-C volts.
- ☐ Note Ambient Temperature at this location _____ °F
- ☐ Instruct owner/operator on the complete operation of a standby generator set.

FAILURE TO RETURN SUPPLIER COPY OR NOT COMPLYING TO ALL REQUIREMENTS MAY VOID WARRANTY. Return to engineering@gillettegenerators.com
Start-up date initiates the warranty period.