

Consultant's Corner: Specification: Standby Engine Generator



consultants corner

Part 3 - EXECUTION

3.01 Miscellaneous:

Contractor shall install the complete electrical generating system including all fuel connections between main fuel supply, engine, etc., all in accordance with manufacturer's recommendations. Contractor shall supply owner's operating personnel with detailed operation and maintenance manuals including complete parts list. Manuals shall include engine manufacturer's maintenance recommendations as well as alternator operating instructions.

3.02 WARRANTY

Standby electric generating components, complete electric generating components, complete electric plant (engine and alternator) instrument panel, shall be warranted by the manufacturer against defects in materials and factory workmanship for a period of one year. Such defective parts shall be repaired or replaced at manufacturer's option, free of charge for a period of ___ years(s) with travel time and mileage free of charge for the first year of operation. The warranty period shall commence when the standby power system is first placed into service.

3.03 SUBMITTALS

Provide ___ sets of submittals for engineering review and approval prior to production release. The submittals shall include engine data, installation drawings, all wiring and interconnect diagrams, the manufacturer's published warranty, spec sheets and all other pertinent information relative to this unit.

3.04 CHECK OUT AND START UP

Supplier of the electric generating plant and associated items covered herein shall provide factory trained technicians to check out the complete installation and perform the initial start-up of the system. They shall meet with the owner's operating personnel to review the operation of the complete standby system. Once the system is operational the load will be transferred to the standby generator system to demonstrate the ability of the standby generator to assume the emergency load.