
Special Provision to Special Specification 7020

Pump Station Upgrades



Special Specification 7020 "Pump Station Upgrades," is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 3.2., "Standby Engine-Generator Sets," is voided and replaced by the following:

Standby Engine-Generator Sets. Secure one standby natural gas engine-generator set of the latest commercial type and design. Provide the engine-generator set complete with the necessary controls and accessories to supply continuous electrical power to the automatic pumping station during utility failure when the pumping station is required to be in operation. Provide each engine-generator set with a minimum capacity of 750 KW, 277/480 V, 3-phase, 4-wire, and with enough engine and generator capacity to supply power simultaneously with a maximum 20% voltage dip for the following step loading with 1 minute time delay for each step:

- 10 kVA for lighting loads (Base Load)
- one 7.5 hp Insulation Class "E", 9.2 FLA, induction motor running at full load (Step 1)
- one 300 hp Insulation Class "F", 375 FLA, Code "E" induction motor running at full load (Step 2)
- One 300 hp Insulation Class "F", 375 FLA, Code "E" induction motor running at full load (Step 3).