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|--|---|------------------|-------------------------------------|------|-------------------|----------------|--------------|
| Generating Set Functional Test Report F001 | | | | | | | |
| In accordance with ISO 8528 - 6 2005 | | | | | | | |
| PLANT NUMBER: | E9834 | | | | | | |
| GENERATING SET ENCLOSURE MECHANICAL PROTECTION | | | IP | | | | |
| AVERAGE SOUND PRESSURE LEVEL (DBA AT 1 M) | | | | | | | |
| (UNITS WITH ACOUSTIC CANOPIES ONLY & MEASURED UNDER TEST BAY CONDITIONS AT 75% LOAD) | | | | | | | |
| IN ACCORDANCE WITH ISO8528-10) | | | | | | | |
| AMBIENT TEST CONDITIONS | | FUEL/OIL USED | | | | | |
| ALTITUDE (M) | Sea Level | FUEL SPEC | BS2869A2 | | | | |
| BAROMETRIC PRESSURE (kpa) | 101.0 | DENSITY | 0.84 kg/l | | | | |
| TEMPERATURE (Deg c) | 24 | CALORIFIC VALUE | 42.5 MJ/kg | | | | |
| HUMIDITY (%) | 47 | LUB OIL SPEC | Multigrade | | | | |
| WIRING DIAGRAMS: | | | | | | | |
| ENGINE | CONTROL PANEL(S) | | | | | | |
| | 06-136000 | | 09-166400 | | | | |
| | PERFORMANCE CLASS | g1 | RATING CLASSIFICATION prp | | | | |
| | (AS DEFINED BY ISO 8528-1) | | | | | | |
| Notes: | | | | | | | |
| GOVERNOR TYPE | ecu | | | | | | |
| ENGINE MAKE | perkins | BUILD NUMBER | wgdf7002 | | | | |
| ENGINE MODEL | 1306c-e87tag3 | SERIAL NUMBER | n10811u | | | | |
| ALTERNATOR MAKE | mec-alte | | | | | | |
| ALTERNATOR MODEL | eco38-2s | SERIAL NUMBER | a1098806 | | | | |
| CONTROL MODULES | | SERIAL NUMBER(S) | | | | | |
| SWITCHGEAR | | SERIAL NUMBER(S) | | | | | |
| Start Stop | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | | |
| Check Shut Downs | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | | |
| Low Coolant Engine Shutdown | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | | |
| Low Oil Engine Shutdown | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | | |
| High Temp Engine Shutdown | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | | |
| Engine Over Speed Engine Shutdown | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | | | |
| LOAD TEST RESULTS (AT UNITY POWER FACTOR) | | | | | | | |
| LOAD | HZ | VOLTS | AMPS | KW | ENGINE TEMP DEG C | OIL TEMP DEG C | OIL PRESSBAR |
| LA | 50 | 380 | 109 | 72 | | | 4.3 |
| 110% | 50 | 380 | 268 | 176 | 89 | 97 | 3.4 |
| TESTED BY |  | | | DATE | 09.08.2010 | | |