



E GINEERING LTD

ELECTRICAL CONTROL AND DISTRIBUTION SWITCHBOARDS

F. G. WILSON (ENGINEERING) LTD

60 CHURCH ROAD, NEWTOWNABBEY, BELFAST BT36 7LN, NORTHERN IRELAND, U.K.

TELEPHONE: 0232 854411. TELEX 747448/747008 GENSET G. FAX 0232 851116 AND 0232 866835



WORKS LOAD TEST REPORT

Test Date: 6th July 1990 Customer: N.E.M.S NO No: 01426

GENERATOR SET:

Model: DDC 400S 400 kVA 0.8 p.f 320 kW
AC Volts 415 50 Hz 3 Phase 4 Wire

ENGINE:

Make: DETROIT DIESEL Type No: 8V 92TA Serial No: 8VP140430
Speed: 1500 RPM Governor: COLEMAN Battery Gnd: NEG

ALTERNATOR:

Make: NEWAGE Type No: BC 544C Serial No: Y3912/03
AVR: SX 440 Phase Seq: U V W Droop Kit: N/A

PANEL:

Make: A K P Drawing No: D9183 DC Volts: 24

RADIATOR:

Make: - Type No: -

TEST CONDITION - RESISTANCE BANK - PFI

Table with 8 columns: Test Load, Theory Amps, Test Amps, Test Volts, TEST kW, kVA at 0.8pf, Test Hz, Load Duration. Rows show test results for 0%, 25%, 50%, 75%, FULL, and 110% loads.

GAUGES:

Oil Pressure: 66 PSI Engine Temp: 85'C Charging: 27.5 V

SHUTDOWNS:

Low Oil Pressure: YES High Eng Temp: YES Overspeed: YES
High Fuel Temp: N/A Overvolts: N/A Undervolts: N/A
Over Freq: N/A Under Freq: N/A Fail to Start: YES

All Shutdown Functions Operating According to Specification: YES
All Control Functions Operating According to Specification: YES
The set performed normally with no undue signs of stress and recovered from sudden application and removal of load.

We hereby certify that the results listed above were obtained during the actual factory test of the above set.

QUALITY ASSURANCE ... [Signature] ... SIGNATURE