



Production Test Certificate

General Information

WIP Job No:	1747740	Customer Order No:	5038330
Customer Name:	ENERGY SOLUTIONS BUSINESS	Test Cell No:	1

Product Information

Model:	C1750 N5C	Genset Serial No:	J11K264783
Engine Serial No:	66301959	Alternator Serial No:	P11I781540
Fuel Type:	GAS	Controller Type:	PCC3300
Governor Type:	Electronic	Radiator Serial No:	N/A
Cooling System Type:	Test Cell System	Controller Serial No:	W95718/A1/F

Test Conditions

Altitude (Meters ASL):	32	Barometric Pressure(mB):	1013
Ambient Temp(C):	14	Humidity(%):	56
Fuel Oil Spec:	Not Applicable	Lub Oil Spec:	Premium Blue GEO15W40
Fuel Density(kg/m):	Not Applicable	Fuel Calorific Value:	34.7 MJ/m3
Air Filter Inlet Temp(C):	14	Coolant Mix:	50/50 - Ethylene Glycol/Water

Product Options Checked

<input checked="" type="checkbox"/> Emergency Stop	Panel Heater	Low Coolant S/Down	Low Fuel S/Down	High Fuel Warning
<input checked="" type="checkbox"/> Remote Start	<input checked="" type="checkbox"/> Alternator Heater	Low Coolant Warning	Low Fuel Warning	Parallel Bus PT Module
<input checked="" type="checkbox"/> Coolant Heater	Run Relay	<input checked="" type="checkbox"/> LET Warning	High Fuel S/Down	Earth Fault S/Down
CCB Trip Warning				

Technical Data - Declared

Service Rating:	CONTINUOUS	Power Factor:	0.8
Power Output(kW):	1750	Rated Output(kVA):	2187
Rated Voltage(V):	4160	Rated Current(A):	303
Frequency(Hz):	60	Speed(RPM):	1800
Number Of Phases:	3		
Meter Serial No:	16346		

Technical Data - Measured

Results(No Load)

Voltage:	1-2:	4168	Volts	2-3:	4166	Volts	1-3:	4170	Volts
	1-N:	2406	Volts	2-N:	2406	Volts	3-N:	2407	Volts
No Load Freq:		60	Hz	No Load Coolant Temp(C):				91	
No Load Lube Press:		4.95	Bar						

Results(Full Load)

Voltage:	1-2:	4162	Volts	2-3:	4159	Volts	1-3:	4161	Volts
	1-N:	2398	Volts	2-N:	2401	Volts	3-N:	2401	Volts
Current:	1:	244.2	Amps	2:	244.1	Amps	3:	241.3	Amps
Full Load Frequency:		60	Hz	Full Load Coolant Temp(C):		98	Power Factor:		1.0
Full Load Lube Press:		4.55	Bar	Prime set tested to 110% of Full Load(if reqd):				N/A	

PTI/Static Test Completed By:	Michael Benson	Date:	17-NOV-11	Run Hours:	6
Dynamic Test Completed By:	Stephen Everton	Date:	19-NOV-11		