

Generating Set Functional Test Report F001							
In accordance with ISO 8528 - 6 2005							
PLANT NUMBER:	E9835						
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)	23	CALORIFIC VALUE	42.5 MJ/kg				
HUMIDITY (%)	57	LUB OIL SPEC	Multigrade				
WIRING DIAGRAMS:							
ENGINE	CONTROL PANEL(S)						
	<i>CG-136000</i> <i>CG-166400</i>						
	PERFORMANCE CLASS	g1	RATING CLASSIFICATION				
	(AS DEFINED BY ISO 8528-1)		prp				
Notes:							
GOVERNOR TYPE	ecu						
ENGINE MAKE	perkins	BUILD NUMBER	wghf7004				
ENGINE MODEL	1306c-e87tag6	SERIAL NUMBER	n10958u				
ALTERNATOR MAKE	mecc-alte						
ALTERNATOR MODEL	eco381ln	SERIAL NUMBER	a1093049				
CONTROL MODULES	7120	SERIAL NUMBER(S)	3035336				
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	334	220	89	95	3.0
TESTED BY	<i>J. JOHNS</i>			DATE	10.08.2010		