

Generating Set Functional Test Report

In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E9781 CE: No

RATED OUTPUT	KVA	60	RATING CLASSIFICATION	PMP	
	KW	48			
	PHASE	3			
	VOLTS	400/230		PERFORMANCE CLASS	G1
	AMPS	87			
	HZ	50			
	RPM	1500			
GOVERNOR TYPE			MECHANICAL		
			COOLING METHOD	WATERCOOLED	

ENGINE MAKE	PEDIUNIS	BUILD NUMBER	DKS1436
ENGINE MODEL	1103A-33762	SERIAL NUMBER	U246426U
ALTERNATOR MAKE	STAMFORD	SERIAL NUMBER	0267558/012
ALTERNATOR MODEL	UCR224E	SERIAL NUMBER(S)	
CONTROL PANEL(S)	NONE	SERIAL NUMBER(S)	
SWITCHGEAR	—	SERIAL NUMBER(S)	

LOAD TEST RESULTS (AT UNITY POWER FACTOR)

LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP	OIL TEMP	OIL PRESS
						DEG C	DEG C	BAR
load acceptance	85	50.4	400	59	41	—	—	4.4
standby/ prime+10%	110%	50.0	400	77	53	82	—	3.8

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)	100.3	DENSITY	0.84 kg/l
TEMPERATURE (Deg c)	19	CALORIFIC VALUE	42.5 MJ/kg
HUMIDITY (%)	68	LUB OIL SPEC	Multigrade

WIRING DIAGRAMS:

ENGINE	06-130700	CONTROL PANEL(S)	
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TESTED BY I. JOHNSON

DATE 08/09/2010