

**Generating Set Functional Test Report**  
In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E983814 CE: MO

RATED OUTPUT	KVA	<u>11.5</u>	RATING CLASSIFICATION	<u>P20</u>	
	KW	<u>10</u>			
	PHASE	<u>3</u>			
	VOLTS	<u>400</u>		PERFORMANCE CLASS	<u>G7</u>
	AMPS	<u>18</u>		(AS DEFINED BY ISO 8528-1)	
	HZ	<u>50</u>			
	RPM	<u>1500</u>			
GOVERNOR TYPE			COOLING METHOD	<u>WATERCOOLED</u>	

ENGINE MAKE	<u>PERKINS</u>	BUILD NUMBER	<u>GK66045U</u>
ENGINE MODEL	<u>403D-156</u>	SERIAL NUMBER	<u>503563U</u>
ALTERNATOR MAKE	<u>MECC-ALTE</u>		
ALTERNATOR MODEL	<u>E103-2L14</u>	SERIAL NUMBER	<u>0004405858</u>
CONTROL PANEL(S)	<u>AUTO-START</u>	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

**LOAD TEST RESULTS (AT UNITY POWER FACTOR)**

LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	<u>80</u>	<u>50.4</u>	<u>404</u>	<u>11.5</u>	<u>8</u>	<u>—</u>	<u>—</u>	<u>4.7</u>
standby/prime+10%	<u>110%</u>	<u>50</u>	<u>400</u>	<u>15.8</u>	<u>11</u>	<u>90</u>	<u>—</u>	<u>4.2</u>

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)	<u>Sea Level</u>	FUEL SPEC	<u>BS2869A2</u>
BAROMETRIC PRESSURE (kpa)	<u>1022</u>	DENSITY	<u>0.84 kg/l</u>
TEMPERATURE (Deg c)	<u>12</u>	CALORIFIC VALUE	<u>42.5 MJ/kg</u>
HUMIDITY (%)	<u>88</u>	LUB OIL SPEC	<u>Multigrade</u>

**WIRING DIAGRAMS:**

ENGINE	<u>08-152300</u>	CONTROL PANEL(S)	<u>10-170800</u>
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TESTED BY L. Coomby

DATE 11, 10, 2010

## Generating Set Functional Test Report

In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E3838/2 CE: NO

RATED OUTPUT	KVA	12,5	RATING CLASSIFICATION	DRP	
	KW	10			
	PHASE	3			
	VOLTS	400		PERFORMANCE CLASS	61
	AMPS	18			(AS DEFINED BY ISO 8528-1)
	HZ	50			
	RPM	1500			
GOVERNOR TYPE			COOLING METHOD	WATERCOOLED	

ENGINE MAKE	PERKINS	BUILD NUMBER	6K660450
ENGINE MODEL	403D-156	SERIAL NUMBER	503487U
ALTERNATOR MAKE	MECC - ALTE	SERIAL NUMBER	10001405847
ALTERNATOR MODEL	ECO3-2L/4	SERIAL NUMBER(S)	
CONTROL PANEL(S)	AUTO-START	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	80	504	400	11,5	8	—	—	5,1
standby/prime+10%	110%	50	400	15,8	11	83	—	4,6

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)	1022	DENSITY	0.84 kg/l
TEMPERATURE (Deg c)	13	CALORIFIC VALUE	42.5 MJ/kg
HUMIDITY (%)	82	LUB OIL SPEC	Multigrade

### WIRING DIAGRAMS:

ENGINE	08-162300	CONTROL PANEL(S)	10-170800
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TESTED BY L. Zammit

DATE 11.10.2010

## Generating Set Functional Test Report

In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E8838/3 CE: NO

RATED OUTPUT	KVA	12.5	RATING CLASSIFICATION	PRD	
	KW	10			
	PHASE	3			
	VOLTS	400		PERFORMANCE CLASS	67
	AMPS	18			(AS DEFINED BY ISO 8528-1)
	HZ	50			
	RPM	1500			
GOVERNOR TYPE			COOLING METHOD		
			WATERCOOLED		

ENGINE MAKE	PERKINS	BUILD NUMBER	6K66045U
ENGINE MODEL	4030-15G	SERIAL NUMBER	503514U
ALTERNATOR MAKE	MECC - ALTE		
ALTERNATOR MODEL	E103-2L14	SERIAL NUMBER	0001405848
CONTROL PANEL(S)	AUTO-START	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

LOAD TEST RESULTS (AT UNITY POWER FACTOR)								
TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	80	50.5	400	14.5	8	—	—	5.1
standby/ prime+10%	110%	50	400	15.8	11	82	—	4.8

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)	102.3	DENSITY	0.84 kg/l
TEMPERATURE (Deg c)	13	CALORIFIC VALUE	42.5 MJ/kg
HUMIDITY (%)	82	LUB OIL SPEC	Multigrade

WIRING DIAGRAMS:	
ENGINE <span style="border: 1px solid black; padding: 2px;">08-152300</span>	CONTROL PANEL(S) <span style="border: 1px solid black; padding: 2px;">10-170800</span>

TESTED BY L. Coombs DATE 11, 10, 2010

**Generating Set Functional Test Report**  
In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E3938/4 CE: 110

RATED OUTPUT	KVA	<u>12,5</u>	RATING CLASSIFICATION	<u>PRP</u>	
	KW	<u>10</u>			
	PHASE	<u>3</u>			
	VOLTS	<u>400</u>		PERFORMANCE CLASS	<u>G1</u>
	AMPS	<u>18</u>		(AS DEFINED BY ISO 8528-1)	
	HZ	<u>50</u>			
	RPM	<u>1500</u>			
GOVERNOR TYPE			COOLING METHOD	<u>WATERCOOLED</u>	

ENGINE MAKE	<u>PERKINS</u>	BUILD NUMBER	<u>6K60450</u>
ENGINE MODEL	<u>4030-156</u>	SERIAL NUMBER	<u>5034950</u>
ALTERNATOR MAKE	<u>MECC - ALTE</u>		
ALTERNATOR MODEL	<u>ECO3-2L14</u>	SERIAL NUMBER	<u>00014059.52</u>
CONTROL PANEL(S)	<u>AUTO-START</u>	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

LOAD TEST RESULTS (AT UNITY POWER FACTOR)								
LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	<u>80</u>	<u>50,7</u>	<u>400</u>	<u>11,5</u>	<u>8</u>	<u>—</u>	<u>—</u>	<u>5,1</u>
standby/prime+10%	<u>110%</u>	<u>50</u>	<u>400</u>	<u>16,8</u>	<u>11</u>	<u>82</u>	<u>—</u>	<u>4,6</u>

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)	<u>Sea Level</u>	FUEL SPEC	<u>BS2869A2</u>
BAROMETRIC PRESSURE (kpa)	<u>1023</u>	DENSITY	<u>0.84 kg/l</u>
TEMPERATURE (Deg c)	<u>13</u>	CALORIFIC VALUE	<u>42.5 MJ/kg</u>
HUMIDITY (%)	<u>77</u>	LUB OIL SPEC	<u>Multigrade</u>

WIRING DIAGRAMS:		
ENGINE	<u>08-152300</u>	CONTROL PANEL(S)
		<u>10-170800</u>

TESTED BY L. Zambelli

DATE 11/10/2010

**Generating Set Functional Test Report**  
In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E9838/5 CE: 110

RATED OUTPUT	KVA	<u>12,5</u>	RATING CLASSIFICATION	<u>DRP</u>	
	KW	<u>10</u>			
	PHASE	<u>3</u>			
	VOLTS	<u>400</u>		PERFORMANCE CLASS	<u>G1</u>
	AMPS	<u>18</u>		(AS DEFINED BY ISO 8528-1)	
	HZ	<u>50</u>			
	RPM	<u>1500</u>	GOVERNOR TYPE		
			COOLING METHOD	<u>WATERCOOLED</u>	

ENGINE MAKE	<u>PERKINS</u>	BUILD NUMBER	<u>6K660450</u>
ENGINE MODEL	<u>403D-15G</u>	SERIAL NUMBER	<u>503502U</u>
ALTERNATOR MAKE	<u>MECC - ALTE</u>		
ALTERNATOR MODEL	<u>ECO3-2L/4</u>	SERIAL NUMBER	<u>0001405951</u>
CONTROL PANEL(S)	<u>AUTO-START</u>	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

LOAD TEST RESULTS (AT UNITY POWER FACTOR)								
LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	<u>80</u>	<u>50,4</u>	<u>400</u>	<u>11,5</u>	<u>8</u>	<u>—</u>	<u>—</u>	<u>5,1</u>
standby/ prime+10%	<u>110%</u>	<u>50</u>	<u>400</u>	<u>15,8</u>	<u>11</u>	<u>81</u>	<u>—</u>	<u>4,7</u>

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)	<u>Sea Level</u>	FUEL SPEC	<u>BS2869A2</u>
BAROMETRIC PRESSURE (kpa)	<u>1022</u>	DENSITY	<u>0.84 kg/l</u>
TEMPERATURE (Deg c)	<u>14</u>	CALORIFIC VALUE	<u>42.5 MJ/kg</u>
HUMIDITY (%)	<u>77</u>	LUB OIL SPEC	<u>Multigrade</u>

WIRING DIAGRAMS:			
ENGINE	<u>08-152300</u>	CONTROL PANEL(S)	<u>10-170800</u>

TESTED BY: L. Zaccari DATE: 11, 10, 2010

# Generating Set Functional Test Report

In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E9838/6 CE: NO

RATED OUTPUT	KVA	12.5	RATING CLASSIFICATION	PRD	
	KW	10			
	PHASE	3			
	VOLTS	400		PERFORMANCE CLASS	67
	AMPS	18			(AS DEFINED BY ISO 8528-1)
	HZ	50			
	RPM	1500			
GOVERNOR TYPE			COOLING METHOD	WATERCOOLED	

ENGINE MAKE	PERKINS	BUILD NUMBER	6K660450
ENGINE MODEL	4030-156	SERIAL NUMBER	503508U
ALTERNATOR MAKE	MECC-ALTE	SERIAL NUMBER	0001406062
ALTERNATOR MODEL	ECO3-2L14	SERIAL NUMBER(S)	
CONTROL PANEL(S)	AUTO-START	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

LOAD TEST RESULTS (AT UNITY POWER FACTOR)								
LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	80	50.8	400	11.5	8	—	—	5.0
standby/prime+10%	110%	50	400	15.8	11	82	—	4.4

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)	1023	DENSITY	0.84 kg/l
TEMPERATURE (Deg c)	10	CALORIFIC VALUE	42.5 MJ/kg
HUMIDITY (%)	87	LUB OIL SPEC	Multigrade

WIRING DIAGRAMS:	
ENGINE <span style="border: 1px solid black; padding: 2px;">08-152300</span>	CONTROL PANEL(S) <span style="border: 1px solid black; padding: 2px;">10-170800</span>

TESTED BY L. ... DATE 12.10.2010

**Generating Set Functional Test Report**  
In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E9838/7 CE: NO

RATED OUTPUT	KVA	<u>12.5</u>	RATING CLASSIFICATION	<u>PRP</u>	
	KW	<u>10</u>			
	PHASE	<u>3</u>			
	VOLTS	<u>400</u>		PERFORMANCE CLASS	<u>G1</u>
	AMPS	<u>18</u>		(AS DEFINED BY ISO 8528-1)	
	HZ	<u>50</u>			
	RPM	<u>1500</u>			
GOVERNOR TYPE			COOLING METHOD	<u>WATERCOOLED</u>	

ENGINE MAKE	<u>PERKINS</u>	BUILD NUMBER	<u>6K66045U</u>
ENGINE MODEL	<u>403D-156</u>	SERIAL NUMBER	<u>503515U</u>
ALTERNATOR MAKE	<u>MECC-ATTE</u>		
ALTERNATOR MODEL	<u>ECO3-2L/4</u>	SERIAL NUMBER	<u>0001406032</u>
CONTROL PANEL(S)	<u>AUTO-START</u>	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

**LOAD TEST RESULTS (AT UNITY POWER FACTOR)**

LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	<u>80</u>	<u>50.5</u>	<u>400</u>	<u>11.5</u>	<u>8</u>	<u>-</u>	<u>-</u>	<u>5.1</u>
standby/ prime+10%	<u>110%</u>	<u>50</u>	<u>400</u>	<u>15.8</u>	<u>11</u>	<u>81</u>	<u>-</u>	<u>4.8</u>

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)	<u>Sea Level</u>	FUEL SPEC	<u>BS2869A2</u>
BAROMETRIC PRESSURE (kpa)	<u>1023</u>	DENSITY	<u>0.84 kg/l</u>
TEMPERATURE (Deg c)	<u>11</u>	CALORIFIC VALUE	<u>42.5 MJ/kg</u>
HUMIDITY (%)	<u>82</u>	LUB OIL SPEC	<u>Multigrade</u>

**WIRING DIAGRAMS:**

ENGINE	<u>08-152300</u>	CONTROL PANEL(S)	<u>10-170800</u>
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TESTED BY

L. T...

DATE

12, 10, 2010

**Generating Set Functional Test Report**  
In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E9938/8 CE: NO

RATED OUTPUT	KVA	<u>12.5</u>	RATING CLASSIFICATION	<u>PRP</u>	
	KW	<u>10</u>			
	PHASE	<u>3</u>			
	VOLTS	<u>400</u>		PERFORMANCE CLASS	<u>61</u>
	AMPS	<u>18</u>		(AS DEFINED BY ISO 8528-1)	
	HZ	<u>50</u>			
	RPM	<u>1500</u>			
GOVERNOR TYPE			COOLING METHOD	<u>WATERCOOLED</u>	

ENGINE MAKE	<u>PERKINS</u>	BUILD NUMBER	<u>GK66045U</u>
ENGINE MODEL	<u>403D-15G</u>	SERIAL NUMBER	<u>503498U</u>
ALTERNATOR MAKE	<u>MECC-ALTE</u>		
ALTERNATOR MODEL	<u>ECO3-2L/4</u>	SERIAL NUMBER	<u>0001406023</u>
CONTROL PANEL(S)	<u>AUTO-START</u>	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

**LOAD TEST RESULTS (AT UNITY POWER FACTOR)**

LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	<u>80</u>	<u>50.5</u>	<u>401</u>	<u>11.5</u>	<u>8</u>	<u>—</u>	<u>—</u>	<u>5.1</u>
standby/ prime+10%	<u>110%</u>	<u>50</u>	<u>400</u>	<u>15.8</u>	<u>11</u>	<u>81</u>	<u>—</u>	<u>4.8</u>

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)	<u>Sea Level</u>	FUEL SPEC	<u>BS2869A2</u>
BAROMETRIC PRESSURE (kpa)	<u>1023</u>	DENSITY	<u>0.84 kg/l</u>
TEMPERATURE (Deg c)	<u>11</u>	CALORIFIC VALUE	<u>42.5 MJ/kg</u>
HUMIDITY (%)	<u>76</u>	LUB OIL SPEC	<u>Multigrade</u>

**WIRING DIAGRAMS:**

ENGINE	<u>08-152300</u>	CONTROL PANEL(S)	<u>10-170800</u>
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TESTED BY L. Carroll DATE 12, 10, 2010

## Generating Set Functional Test Report

In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E993818 CE: NO

RATED OUTPUT	KVA	12,5	RATING CLASSIFICATION	PRP		
	KW	10				
	PHASE	3				
	VOLTS	400			PERFORMANCE CLASS	G1
	AMPS	18				
	HZ	50				
	RPM	1500				
GOVERNOR TYPE			COOLING METHOD WATERCOOLED			

ENGINE MAKE	PERKINS	BUILD NUMBER	6K66045U
ENGINE MODEL	403D-15G	SERIAL NUMBER	523496U
ALTERNATOR MAKE	MECC - ALTE	SERIAL NUMBER	0004405848
ALTERNATOR MODEL	ECO3-2L14		
CONTROL PANEL(S)	AUTO-START	SERIAL NUMBER(S)	
SWITCHGEAR		SERIAL NUMBER(S)	

### LOAD TEST RESULTS (AT UNITY POWER FACTOR)

LOAD TYPE	LOAD %	HZ	VOLTS	AMPS	KW	ENGINE TEMP DEG C	OIL TEMP DEG C	OIL PRESS BAR
load acceptance	80	50,5	400	11,5	8	—	—	5,1
standby/prime+10%	110%	50	400	15,8	11	81	—	4,8

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)	102,3	DENSITY	0.84 kg/l
TEMPERATURE (Deg c)	13	CALORIFIC VALUE	42.5 MJ/kg
HUMIDITY (%)	72	LUB OIL SPEC	Multigrade

### WIRING DIAGRAMS:

ENGINE	08-152300	CONTROL PANEL(S)	10-170800
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TESTED BY

*C. Zumbell*

DATE

12, 10, 2010

## Generating Set Functional Test Report

In accordance with ISO 8528 - 6 2005

PLANT NUMBER: E89 38/10

CE: 110

RATED OUTPUT	KVA	12.5	RATING CLASSIFICATION	PRD	
	KW	10			
	PHASE	3			
	VOLTS	400		PERFORMANCE CLASS	G1
	AMPS	18			
	HZ	50			
	RPM	1500			
GOVERNOR TYPE			COOLING METHOD WATERCOOLED		

ENGINE MAKE	PERKINS	BUILD NUMBER	6K660450
ENGINE MODEL	403D - 15G	SERIAL NUMBER	5035670
ALTERNATOR MAKE	MECC - ALTE		
ALTERNATOR MODEL	ECO3 - 2L/4	SERIAL NUMBER	000-1405850
CONTROL PANEL(S)	AUTO - START	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	80	50.5	400	11.5	8	—	—	5.1
standby/prime+10%	110%	50	400	15.8	11	81	—	4.3

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)	1022	DENSITY	0.84 kg/l	
TEMPERATURE (Deg c)	12	CALORIFIC VALUE	42.5 MJ/kg	
HUMIDITY (%)	72	LUB OIL SPEC	Multigrade	

WIRING DIAGRAMS:	
ENGINE <span style="border: 1px solid black; padding: 2px;">08-152300</span>	CONTROL PANEL(S) <span style="border: 1px solid black; padding: 2px;">10-170800</span>

TESTED BY  
L. Tawana

DATE  
12.11.2010