



Test Run and Commissioning Sheet

Serial Number

Customer :

Customer Name & Address:	DC office pirojpur		
Contract No:	01321134009	Tel:	
		Tel:	

Gen set:

Product ID (Plant No.):	21E13680 A/4						
Gen Set:	Model	KVA		Details			
	PS45	45					
Engine:	Brand	Model No		Serial No			
	Perkins			DK 32037US44640E			
Alternator:	Brand	Model No		Serial No			
	Stamford			B10L503412			
Year of Manufacturing							
ATS Type	Nil	Local	<input checked="" type="checkbox"/> Foreign	Magnetic Contractor	Brand & Model	Capacity (Amp)	
					ABB A50-30	100A	
Canopy Type	Open	Local	<input checked="" type="checkbox"/> Foreign	Canopy internal insulation	Good/Not Good	Canopy Sound performance	Good / Not Good
Controller Model	DSE 7120 MkII	Battery Charger		<input checked="" type="checkbox"/> Connected	<input type="checkbox"/> Not Connected		

Installation:

Place Of Installation	Pirojpur	Date of Delivery	09.06.21
Date Of Installation	12.7.21	Date Of Commissioning	12.7.21
Warranty Expiration date		Free Service Period	

365 ~~365~~ DAYS / 1500H whichever comes first From the date of Commissioning 12/7/21

Load Test:

Item No	KW	Hz/Speed	Voltage Phase-N			Current			Oil Pressure Bar	Temperature °C
			V1-N	V2-N	V3-N	I1	I2	I3		
1		52.00	234	235	234	2	2	4	4.41	72°C
2		52.00	233	233	234	2	2	4	4.42	76°C
3		52.00	234	233	234	1	2	4	4.41	80°C
4										
5										
6										
7										
8										
9										
10										

11/11/21

Related Documents

User Manual	<input checked="" type="checkbox"/>	No	Electrical Diagram of Gen. Set	Yes	No
Maintenance/User Hand Book	<input checked="" type="checkbox"/>	No	Electrical Diagram of Foreign ATS	Yes	No

Warranty Dose Not Cover:

- ☉ Defects due to users improper maintenance (Not following the maintenance instruction by Manufacturer)
- ☉ All Consumable items (Not following the user guide/manual by Manufacturer)
- ☉ Normal Wear & Tear
- ☉ Alterations or repairs of any parts without prior approval by authorized Manufacturer/Distributor.
- ☉ Not Following written Instruction/Comments/Recommendation given by Commissioning Manager / Engineer.

For Cross World Group

Subal

Commissioning Engineer

Date: 12.7.21

For Customer

Subal
12.07.2021

The Gen set has been commissioned successfully & handed over without any discrepancy. We understood the operational procedure.

Response Time	Fast	Slow	Customer observation about product & service			
Product Problem Identification	OK	Not Ok	Delighted	Very Satisfactory	Satisfactory	Unsatisfactory
Operation Procedure Explanation	Ok	Not Ok	Remarks (If any):			
Service Engineer Behavior	Ok	Not Ok				
Additional Work / service/Commissioning Done	Ok	Not Ok				

COMPLETION CERTIFICATE

DATE: 12.7.21

To, De office prajpur

Project Name

COMPLETION CERTIFICATE OF DIESEL GENERATING SET PLANT ID: 21E13680 A14
---MODEL # PS45

Dear Sir,

We have since completed installation, testing and commissioning of above generating set with model PM/PS 45 and tested it as per **ALLAM's** manual on the Date _____ in presence of your representative/operator and found satisfactory performance in all respect and handed over its key and all the relevant standard accessories, equipment and manuals to your representative.

We have also explained your operator how to conduct daily, weekly, monthly as well as all other inspections/services as called for in the **ALLAM's** manual for smooth and trouble free operation of this generator. We shall cover **warranty** for the next 12 (Twelve) months from the date of its delivery, as per **ALLAM's** terms and conditions of sales.

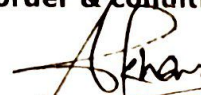
If you disagree with us and have any other query, please Inform us as soon as possible. If we do not hear from you within next 7 (seven) days, contrary to what we have stated above, we shall consider that the plant has been received by you in a satisfactory condition.

Yours faithfully,
Cross World Power Ltd.



For and on behalf of

received the Plant in
Good order & condition.

12.07.2021

Electrical and Mechanical Installation Sheet

Serial Number:

Project Name	De office prajoon	M/A/Model	AS
Address:		Date	12.7.21

STEP 1 : Check points when shipment arrive to site		Remarks
Engine & Alternator		
1	No visual damage to engine or generator.	
2	Visual damage to engine or generator.	
3	Gen set Placement (Leveling & bolting)	
If there is any visual damage, please inform concern dept.		

Step 2 : Gen set room /environmental condition		Ok	Not ok	Remarks
1	Sufficient space around the generator for movement	✓		
2	Proper light and air inside the room	✓		
3	Dust proof, neat and clean	✓		

Step 3 : Cable selection & termination		Ok	Not ok	Remarks
1	Check the power cable rating and insulation quality	✓		
2	Check the control & signal cable	✓		
3	Cable laying & dressing	✓		
4	Cable marking & termination	✓		
5	Cable trench / tray (If any)	✓		
6	Power cable connections from Alternator - ACB, ACB-ATC, ATS-LT	✓		
7	LT/Load are correct (Balanced)	✓		
8	Phase Sequence	✓		

Step 4 : Earthing System/connection		Ok	Not ok	Remarks
1	Separate earthing for generator	✓		
2	Earthing result below 1 ohm	✓		
3	Connection from earthing bar to generator/ATS (body & neutral)	✓		

Step 5 : Exhaust/silencer System-		Ok	Not ok	Remarks
1	Mounting of Exhaust silencer	✓		
2	Rigid / flexible fixing of exhaust pipe			
3	Diameter & Length of exhaust pipe *			
4	Support system			
5	Extra flexible if required			
6	Rain cap			
7	Insulation & Quality	✓		
8	Alignment	✓		
9	Drainage point			
10	Gasket fittings and leveling			
11	Bolting, tightening & welding	✓		

STEP 6 : Radiator System		Ok	Not ok	Remarks
1	Ducting Dimension	✓		
2	Opening area of ducting	✓		

3	Canvas cloth fitting			
4	Support system	✓		
5	Out flow / louver	✓		
6	Water Drain line	✓		
7	Coolant Spec	✓		
8	DM Water	✓		

STEP 1 : Fuel System		Ok	Not ok	Remarks
1	Check fuel day tank placement / capacity	✓		
2	Check fuel reservoir placement / capacity	✓		
3	Fuel feed line (MS pipe Diameter)			
4	Fuel return line (MS pipe ,Diameter)			
5	Fuel tank height & size/capacity (for 4000 series)			

STEP 8 : Ventilation System		Ok	Not ok	Remarks
1	Check all ventilation blowers are installed as per engine requirement, wiring and its connection to DB/MCC.	✓		
2	Ducting for ventilation system			
3	Check the air flow/capacity of the ventilation fan			
3	Louver/ ventilation fan placement / condition checking (if necessary)	✓		
4	Pre-filtration system for air intake	✓		

STEP 9 : Miscellaneous		Ok	Not ok	Remarks
1	Breather pipe extension			
2	Battery terminal connection and its condition.	✓		
3	Check availability of distilled water, lube oil, coolant and diesel for commissioning as required	✓		
4	Check hanging condition of the ATS on the wall.	✓		
5	Visual condition of the Canopy, ATS, Fuel tank etc.	✓		
6	Lube oil drain line	✓		
7	Check and make overall comment on environmental condition to run the generator			

We have checked and certify that the works mentioned above has done as per our drawing/design/requirements/recommendations.

Cross world Personnel : Dulal Signed : Dulal Date : 12.7.21

End user personnel : MD. AL AMRAN KHAN Signed : MD. AL AMRAN KHAN Date : 12.7.21

12.07.2021