Cross-world

Test Run and Commissioning Sheet

Serial Number

Customer :

Customer Name & Address:	Syed Shamsul Kibna House #01, Road #3/A, Khulshi, Ctg.	
Contact No:		Tel:
	Syed Shamsul Kibna	Tel: 01748764245

Gen set:

Product ID (Plant No.):	20E13650B/2						
Gen Set:	Model	KVA	Details				
	PS-30	30					
Engine:	Brand	Model No	Serial No				
	Perkins	DJ32083	U537353E				
Alternator:	Brand	Model No	Serial No				
	Stamford		B19L503509				
Year of Manufacturing							
ATS Type	Nil	✓ Local	Foreign	Magnetic Contractor	Brand & Model: ABB · AX40	Capacity (Amp): 65 Amp.	
Canopy Type	Open	✓ Local	Foreign	**Canopy internal insulation**	Good/Not Good	**Canopy Sound performance**	✓ Good / Not Good
Controller Model				**Battery Charger**	Connected ✓	Not Connected	

Installation:

Place Of Installation	~~G7~~ CTG.	Date of Delivery	03.06.2021
Date Of Installation	15/6/21	Date Of Commissioning	15.06.2021
Warranty Expiration date	W/O	Free Service Period	W/O

365DAYS/1500H whichever come first from The date of Commissioning

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	02	51.7	231	232	231	03	03	04	4.6	76°C
2										
3										
4										
5										
6										
7										
8										
9										
10										

Related Documents

User Manual	Yes ✓	No	Electrical Diagram of Gen. Set	Yes	No ✓
Maintenance/User Hand Book	Yes ✓	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

Md. Al-Mamun
Commissioning Engineer

Date: 15.06.2021

For Customer

15.06.21

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				

Cross-world

Electrical and Mechanical Installation Sheet

Serial Number:

Project Name	Syed Shamsul Kibria	kVA/Model	PS-30
Address:	House # 01, Road # 3/A, Khulshi	Date	15.06.2021

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

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

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

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

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

STEP 6 : Radiator System		Ok	Not ok	Remarks
1	Ducting Dimension	ok		
2	Opening area of ducting	ok		
3	Canvas cloth fitting	ok		

DATE: 15.06.2021

To,

Syed Shamsul Kibria
House # 01, Road # 3/A, Khulshi, Ctg.

Project Name <..... Syed Shamsul Kibria

Dear Sir,

We would like to express our heartfelt gratitude for providing us the opportunity to serve you with our generator. The **KVA** Tempest brand diesel generator has been commissioned and is presently running properly.

The product that Cross World supplies are of highest quality and would definitely outlive any generator that you have used in the past provided the generators are maintained properly. And to achieve that there is no alternative to routine servicing of the generators.

It is essential that the new generator must undergo routine servicing for the **first time after running for 120 hours, followed by routine servicing after every 200 hours of running**. During each routine servicing basically lube oil filter, fuel filter, coolant and lube oil needs to be changed. Air filter needs to be changed after every 400 hours of running. This is the standard rule, but if the generator is in dusty environment then the air filter may require changing at every 200 or less hours of running.

Saline water in the radiator would eventually damage the engine block, resulting in seizure of the engine. We suggest you to avoid using normal tap water in the radiator as well. Our recommendation is to use distilled water in the radiators. The radiator must also be serviced once every 400 hours of running if not earlier. Basically, if the above rules are followed strictly, your generators will have a service life of over 10 years without hassle.

All diesel generators are used as per their application (Prime/Stand By/Base load) recommended in **ISO 8528.**It is also recommended that the generators depending on the usage should follow the instruction as per O & M / User Manual and maintain a recommended ventilation system inside engine room.

There is another critical issue that is often overlooked by our clients. It is the air circulation within the generator room. The fresh cold air flow into the room is sucked in by the engine for combustion. To keep the ambient temperature to a minimum, a continuous in-flow and out-Flow of air is a must. Otherwise, if the ambient temperature reaches over 45°C, the engine temperature shoots up, resulting in premature shutdown.

We believe it is our prerogative to keep each of our customers aware of the critical issues regarding the products that we supply and we can only request you to instruct the persons responsible for maintenance of the gen set to inform us to perform routine servicing upon completion of the running hours mentioned above. In any case, we would have our engineers proactively contact your maintenance department time to time.

We hope the above information would be helpful for your maintenance team.

Thank you once again for extending your support.

Sincerely yours,
Cross World Group

Md. Al- Mamun

15.06.21