

# Test Run and Commissioning Sheet

Serial Number

Customer :	:								ļ		
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Contact No:			· ·				Tel:				
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Gen set:									4		
Product ID (Plant No.):			Managan Salab, alg sur rigar ligary dia Sulta pas liberados - un	2061	3576.	A/1		į.			
Gen Set:		Model	1	KVA	03 70	Details	-				
Genset: PS 60			The same of the sa	KVA	Details		The second secon				
Engine:	00	Brand		Model N		Serial No			Santa de la companya		
AND THE PROPERTY OF THE PROPER	I PE	the ns.					DI	< 32000	U547	4) GGE	
Alternator: Brand Year of		Brand	- 2	Model N	10	Serial No	**				
		11000		1L2-	41		6	19丁43	3207	*	
Manufacturin	g										
ATS Type	Nil	Local	Foreign	Magnetic	Brand	& Model	T			The plants and the same of the plants and the plants and the plants and the plants are the plants and the plants are the plant	
ATS Type Nil Local Foreign Magnetic Brand & Model Contractor ABB, AX80			THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS	+	12 E	pacity (Amp)					
Сапору Туре	Open	Local	Foreign	Canopy in		Good/Not	Can	opy Sound	1		
Controller Mo	del	0567	insulation 05兒 7120 MKII Battery Char		. Cl	Good				/ Not Good	
and the state of the second of the second or the second of	and the state of t	1 0012		Dattery	Charger	Connected	-	Not Connecte	d		
Installation:		Bas	undh	030							
Place Of Install	lation	MA. SI	10/01/01/01/01/01/01/01/01/01/01/01/01/0	Rahmom	1			0			
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Date Of Installa	ation	05/0		Now III Cont	Date Of						
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Varranty Expiriate  oad Test:  Item No	KW	365D de Hz/Speed	ATS/ of Con V1-N	1586 H M Min Seri Oltage Phase V2-N	Date Of Commission Free Service Commission C	Period  Period  11	O6	105/21 refirs	Oil Pressure	Temperature	
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Varranty Expirate  oad Test:  Item No  1 2 3 4	KW	365D dfe Hz/Speed 52.5 /1575	ATS/ of Con V1-N	1586 H M Min Seri Oltage Phase V2-N	Date Of Commission Free Service Consultation	Period  Period  11	Corre	105/21 refirs	Oil Pressure Bar	Temperature °C +7	
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Varranty Expiriate  oad Test:  Item No  1 2 3 4 5 6	KW	365D dfe Hz/Speed 52.5 /1575	AYS/ of Con VI-N 235	oltage Phase	Date Of Commission Free Service  Cuy  e-N  V3-N  235	Period  Period  II	Curre	105/21 refirs nt 13	Oil Pressure Bar 4.82	Temperature °C +7	
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#### Related Documents

User Manual	Yes	No	Electrical Diagram of Gen. Set	Yes	No
Maintenance/User	V		Electrical Diagram of Foreign	103	INO
Hand Book	Yes	No	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

For Customer

Commissioning Engineer

Date:

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

Response Time	Fast	Slow	C	ustomer observ	ation about produ	uct & comice
Product Problem Identification	OK	Not Ok	Delighted	Very Satisfactory	Satisfactory	Unsatisfactory
Operation Procedure Explanation	Ok	Not Ok	Remarks (I			
Service Engineer Behavior	Ok	Not Ok				
Additional Work / service/Commissioning Done	Ok	Not Ok				

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## COMPLETION CERTIFICATE

DATE:

Md. Siddiquir Rahman.

Project Name: Md. Siddique Rahman.

COMPLETION CERTIFICATE OF DIESEL GENERATING SET PLANT ID:

Dear Sir,

We have since completed installation, testing and commissioning of above generating set with model PM/PS and tested it as per **ALLAM's** manual on the Date of the 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.

Siddi (0705-21



DATE:

Md. Siddiquir Rahman.

Project Name:	. MO.	Siddiquit	Rahmom.
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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

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

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

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3	CONTROL of the City	
	Canvas cloth fitting	Dreating
4	Support system	
5	Out flow / louver	have todo
6	Water Drain line	If will be
7	Coolant Spec	required as ex
. 4, 8 ;==	DM Water	Site Candition

-	: Fuel System	Ok	Not ok	Remarks
1	Check fuel day tank placement / capacity *			- Committee
2	Check fuel reservoir placement / capacity *		, t	
3	Fuel feed line (MS pipe Diameter)	and the second s		7010
4	Fuel return line (MS pipe ,Diameter)	and the second s		1 10/1/-
5	Fuel tank height & size/capacity (for 4000 series)	TO THE COMMENT OF THE		1

TEP 8	3 : Ventilation System	Ok	Not ok	Remarks
1	Check all ventilation blowers are installed as per engine requirement, wiring and its connection to DB/MCC.			1
2	Ducting for ventilation system	The designation was a second of the second o		
3	Check the air flow/capacity of the ventilation fan		-	(0)00
3	Louver/ ventilation fan placement / condition checking (if necessary)	Property and the state of the state of the state of		110/14
4	Pre-filtration system for air intake			1

	9 : Miscellaneous	Ok	Notok	Remarks
1	Breather pipe extension	1		
2	Battery terminal connection and its condition.		+	** ************************************
3	Check availability of distilled water, lube oil, coolant and diesel for commissioning as required	-	1	•
4	Check hanging condition of the ATS on the wall.	1		A STATE OF THE STA
5	Visual condition of the Canopy, ATS, Fuel tank etc.		A COMMENT OF MARK COMMENT	Management and Assault and Ass
6	Lube oil drain line		-	decision and an analysis of the second of th
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	M. Mizancer Rahmen signed : Dorson Date : 06/05/201	7. i
End user personnel .	Mod Siddle n Rahmasigned : Stold C Date :	- 1



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		Serial Nu	mber:	
Project	t Name 140. Giddigut Raliman			· ^ ~
Addres	t Name 140. Siddi Tut Raliman s P = 1 V D, R = 101. B = 103. Basundox	kVA/Model Date	P	560
STEP	1 : Check points when shipment arrive to site			the state of the s
Engine	& Alternator			Remarks
1	No visual damage to engine or generator.		P	
2	Visual damage to engine or generator.		~	
3	Gen set Placement (Leveling & bolting)	realizable of the transport of the control of the c	NO	
If there is	s any visual damage, please inform concern dept.	the state out in condition the public of the condition of	***	
	, santage, please inform concern dept.			2000 20
Step 2:	Gen set room /environmental condition			
	Sufficient space around the generator for movement	Ok	Not ok	Remarks
2	roper light and air inside the room	-	-	and the same and the same and the same of
3	Dust proof, neat and clean			and the first state place is not to be about the state of
Step 3:	Cable selection & termination			
1	The state of the s	Ok	Not ok	Remarks
2	Check the power cable rating and insulation quality Check the control & signal cable			
3	Cable laying & dressing			
4	Cable marking & termination			
5	Cable trench / tray (If any)			1 100
6	Power cable connections from Alternator - ACB, ACB-ATS AT TI			NOA
7	I. T/I oad are correct (Balanced)			P. Bus man's got to Johns P. Production of the Johnson
8	Phase Sequence	1		AND THE RESERVE AND THE PARTY OF THE PARTY O
tep 4:1	Earthing System/connection	Ok	Not ok	D
1	Separate carthing for generator	1	1401.0%	Remarks
2	Earthing result below 1 ohm			Constrants.
3	Connection from earthing bar to generator/ATS (body & neutral)	THE BUILDING CHARLES CONTROL WAS ARRESTED		(20) 10000
top 5 : E	Exhaust/silencer System-			
1	Mounting of Exhaust silencer	Ok	Not ok	Remarks
	Rigid / flexible fixing of exhaust pipe	1		The second section of the second section is a second section of the second section section is a second section of the second section s
	Diameter & Length of exhaust pipe *	-		
1	Support system	1-		
	Extra flexible if required		A condition for adjust to the Condition of	
	Rain cap			
	nsulation & Quality		•	
	Alignment	1		The second secon
	A STATE OF THE PROPERTY OF THE			The first series stands at
	Drainage point	-		
CALIFORNIA IN PROCESSION AND ADDRESS OF	Basket fittings and leveling		>	
11 (3	Softing, tightening & welding	1		COMMERCIAL SECTION OF THE SECTION OF
ED 6 · E	Radiator System	Ok	Not ok	Romarks
L, U. N				
	ucting Dimension			