

Lubricated Screw-Commissioning Report

Compressor - Type & Serial No.	Serial Numbers	
Type:TAS-50 PMC (37 kw)	Air End: AA4D33465237	Starter Panel: S/N:
Serial No: 21110862	Motor Model: ZTPM-180M-30-37 S/N: ZY211197664 Maker: Fujian Zhongyan Technology	Dryer Model : TAC-75 S/N : 20220423 Pressure: 1.0 Mpa
MAM6080M-W Code	Inverter (if applicable): Model: NZ200T-37GY-4 S/N: ZC210501832224-228-1	Commissioned By and Date
N/A		Name: MD.MONJURUL, MD. ASHIQUL
Number: N/A	MAM6080M-W Controllar : Model: CK1111M016-1(ZHIQI) Box ID: 0011110027 S/N : 2111151661	Training Passport Number: N/A
	MAM6080M-W Software Version: N/A	Date (dd/mm/yyyy) : 17.04.2023

Options Fitted					
Base Load Select:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Heat Recovery:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Air Filter Differential Pressure Switch:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Canopy Heater:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Oil Filter Differential Pressure Switch:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Oil Drip Pan:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Separator Differential Switch:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Water Separator:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Aftercooler Discharge Temp. Probe:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>			

Site Details		Sales Co. / Distributor Details	
Company: SAJAN METAL INDUSTRIES LTD.		Sales Co. Distributor: TRIDENT AGENCY LTD.	
Address: FATEPUR, ARAHAZAR, NARAYANGANJ, BANGLADESH. PostCode:1450		Address: AWAL CENTRE (9TH FLOOR), 34 KEMAL ATATURK AVENUE, BANANI C/A DHAKA, BANGLADESH. Postcode: 1213.	
Contact: MD. SAIFULLAH MUNSUR		Contact: MUHAMMAD ALI	
Telephone: 01750151820		Telephone: +8802 9821377-80.	
Email:saifullah.smil@gmail.com		Email: info@tridentbd.com	
Industry Sector		Commissioning Engineer: MD. MONJURUL, MD. ASHIQ	
Industry Sector Code Number*	120		
*For Relevant Code Number please see list on page 3.		Commissioning Date: 17.04.2023	

Compressor Application										
FOR METAL INDUSTRIES										
Oil Details										
Type: Trident										
Grade:										
Site/Environmental Conditions					Installation Details:					
Clean Site Conditions ?	Yes	<input checked="" type="checkbox"/>	No*	<input type="checkbox"/>	Cable Size:	4X35 RM	mm ²			
Installation Satisfactory ?	Yes	<input checked="" type="checkbox"/>	No*	<input type="checkbox"/>	Fuse Size:	BRAKER 100	amps			
Oil/Water [#] Leaks ?	Yes*	<input type="checkbox"/>	No	<input type="checkbox"/>	Water Quality Satisfactory ? [#]	Yes	<input type="checkbox"/>	No*	<input checked="" type="checkbox"/>	
					Pipework Connections as per guidelines?	Yes	<input checked="" type="checkbox"/>	No*	<input type="checkbox"/>	
*Please give full details in "Further Comments" overleaf. [#] Water-cooled models only					*Please give full details in "Further Comments" overleaf. [#] Water-cooled models only					
Actual Values										
Internal Sump Pressure (B2):	bar	<input checked="" type="checkbox"/>	5.8	Mpa	<input type="checkbox"/>	Volts On Load:	L1: 418 L2: 423 , L3: 416	Volts		
Line/Network Pressure (B1):	bar	<input checked="" type="checkbox"/>	5.6	Mpa	<input type="checkbox"/>	Voltage Differential Acceptable ?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Oil Temperature (R2):	°C	<input checked="" type="checkbox"/>	86	°F	<input type="checkbox"/>	Full Load Amps:	L1 : 51 , L2 : 52 , L3 :55	amps		
Ambient Temperature:	°C	<input checked="" type="checkbox"/>	37	°F	<input type="checkbox"/>	No Load Amps:	L1 :28, L2 : 21 , L3 :28	amps		
Fan Ran Temperature:	°C	<input checked="" type="checkbox"/>	88	°F	<input type="checkbox"/>	Factory Load Condition :	Full	<input type="checkbox"/>	Half	<input type="checkbox"/>
Fan Stop Temperature:	°C	<input checked="" type="checkbox"/>	80	°F	<input type="checkbox"/>	Stop Delay Time	Sec	<input checked="" type="checkbox"/>	10	
Motor Start Delay :	Sec	<input checked="" type="checkbox"/>	75			Restart Delay :	Sec	<input checked="" type="checkbox"/>	6	
Fan Start Delay :	Sec	<input checked="" type="checkbox"/>	8.0			Drain Open Time :	Sec	<input type="checkbox"/>		
Start Delay Time :	Sec	<input type="checkbox"/>	8			Drain Close Time :	Min	<input type="checkbox"/>		
Load Delay Time :	Sec	<input checked="" type="checkbox"/>	6			Soft Start Delay :	Sec	<input type="checkbox"/>		
Standby Delay :	Sec	<input checked="" type="checkbox"/>	200.0			Motor Unload Frequency :	Hz	<input checked="" type="checkbox"/>	75	
Motor Minimum Frequency :	Hz	<input checked="" type="checkbox"/>	85			Hours				
Relative Humidity:			80	%		Total Running Hours:		1	hrs	
Volts:	L1: 366 , L2: 364 , L3:369			Volts		Total Loaded Hours:		1	hrs	
Control Details										
Cut-out Point:	bar	<input checked="" type="checkbox"/>	7.5	Mpa	<input type="checkbox"/>	Timer Control Enabled:	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Cut-in Point/Target Pressure:	bar	<input checked="" type="checkbox"/>	7.0	Mpa	<input type="checkbox"/>	² Timer Control Enabled:	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
² Cut-out Point:	bar	<input checked="" type="checkbox"/>	7.5	Mpa	<input type="checkbox"/>	Optional Inputs Enabled:	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
² Cut-in Point/Target Pressure:	bar	<input checked="" type="checkbox"/>	7.0	psi	<input type="checkbox"/>	Optional Inputs Enabled:	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Operation:	automatic	<input checked="" type="checkbox"/>	continuous	<input type="checkbox"/>		Base Load Select Enabled:	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Unloaded Pressure:	bar	<input checked="" type="checkbox"/>	7.5	psi	<input type="checkbox"/>	Auto-Restart Enabled:	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Time Unloaded:			(seconds)			Sequencer Controlled:	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Remote Control Enabled:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>		Operator Training Completed:	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
* Please give full details in "Further Comments" overleaf.										
Downstream Equipment Details										
Filter/s: Type/s and Grade/s :TAF-120C, TAF-120T, TAF-120A										
Dryer: Manufacturer/type/serial No:TRIDENT AGENCY LTD. TAC-75, 20220423										
Receiver Size (litres): 2000L										

Dryer Application
FOR METAL INDUSTRIES

Options Fitted / Installed			
Receiver:	Yes <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>	Condensate Drain Valve:
Receiver Size (Litres): 2000L			Yes <input type="checkbox"/> No <input type="checkbox"/>
Receiver Drain Valve:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	By-pass Installed:
Water Separator TAF-120C	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Pre-filter	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Local / Remote Control:
Pre-filter Type: TAF-120T			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Pre-filter Sizes: 12.0 m3/min			Flow Control Device:
			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
After Filter:	Yes <input checked="" type="checkbox"/>		Compressor Details:
After Filter Type: TAF-120A			Oil Free Compressor/s:
			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
			Max Flow Rate 6.2 m3/hr <input type="checkbox"/> m3/min <input checked="" type="checkbox"/> CFM <input type="checkbox"/>
			Voltage: 212, 212
			Amperage: 8.27, 8.0

Site / Environmental Conditions		Installation Details	
Clean Site Conditions:	Yes <input checked="" type="checkbox"/> No* <input type="checkbox"/>	Cable Size:	4 RM mm2
Installation Satisfactory:	Yes <input checked="" type="checkbox"/> No* <input type="checkbox"/>	Fuse Size:	16 amps
		Pipework Connections as per guideline	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

If answered "No" (*), please give full details in "Further Comments" on page 3.

Operational Values			
Ambient Air Temperature:	°C <input checked="" type="checkbox"/> 37 <input type="checkbox"/>	Dewpoint Switching:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Inlet Air Temperature:	°C <input checked="" type="checkbox"/> 38 °F <input type="checkbox"/>	Auto Fault Re-set:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Inlet Pressure:	bar <input checked="" type="checkbox"/> 5.8 <input type="checkbox"/>	Auto Restart:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Outlet Pressure:	bar <input checked="" type="checkbox"/> 5.6 psi <input type="checkbox"/>	Alarm / Trip Dewpoint:	°C <input type="checkbox"/> °F <input checked="" type="checkbox"/>
Dewpoint: Tout	°C <input checked="" type="checkbox"/> 14.6 °F <input type="checkbox"/>	Alarm / Trip Pressure:	bar <input type="checkbox"/> psi <input type="checkbox"/>
Purge Setting:	bar <input type="checkbox"/> N/A psi <input type="checkbox"/>	Alarm / Trip Temperature:	°C <input type="checkbox"/> °F <input type="checkbox"/>
Hydrometer Installed:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Service Due:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Signatures	Print	Sign	Date (dd/mm/yyyy)
Operator:			
Training Completed: <input checked="" type="checkbox"/>			
Commissioning Engineer:	MD.MONJURUL, MD. ASHIQUL	MD.MONJURUL, MD. ASHIQUL	17.04.2023
Customer / End User:	MD. SAIFULLAH MANSUR	MD. SAIFULLAH MANSUR	17.04.2023

Further Comments:

