

Lubricated Screw-Commissioning Report

Compressor - Type & Serial No.	Serial Numbers	
Type:TAS-100PMC	Air End: AA2D36799869	Starter Panel: S/N:
Serial No: 22070142	Motor Model: TYK-225S-75-30 S/N: 2204623346 Maker: ZHEJIANG JINLONG ELECTRICAL MACHINERY STOCK CO.LTD.	Dryer Model : TAC-150 S/N : 20220725015 Pressure: 1.0 MPA
MAM6080M-W Code	Inverter (if applicable): Model: NZ200T-75GY-4 S/N: ZC220302184310-228-A	Commissioned By and Date
N/A		Name: MD. MAHABUB HOSSEN, MD. SOHEL RANA
Number: N/A	MAM6080M-W Controller : Model: CK1111M016-1 Box ID: 0011110097 S/N : 2206240692	Training Passport Number: N/A
	MAM6080M-W Software Version: N/A	Date (dd/mm/yyyy) : 15.02.2023

Options Fitted					
Base Load Select:	Yes <input type="checkbox"/>	No <input 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: TUSHAR CERAMICS LTD.	Sales Co. Distributor: TRIDENT AGENCY LTD.
Address: SHARATOLA, MOHESHPUR, JHENADAH, BANGLADESH	Address: AWAL CENTRE (9TH FLOOR), 34 KEMAL ATATURK AVENUE, BANANI C/A DHAKA, BANGLADESH.
PostCode: 7340	Postcode: 1213.
Contact: MD. KUMRUL HASAN	Contact: MUHAMMAD ALI
Telephone:01844-274305	Telephone: +8802 9821377-80.
Email: kumrul01@gmail.com	Email: info@tridentbd.com
Industry Sector	Commissioning Engineer: MD. MAHABUB HOSSEN, MD. SOHEL RANA
Industry Sector Code Number*	
*For Relevant Code Number please see list on page 3.	Commissioning Date: 15.02.2023

Compressor Application		
FOR CERAMICS FACTORY		
Oil Details		
Type: AONES		
Grade:		

Site/Environmental Conditions			Installation Details:		
Clean Site Conditions ?	Yes <input checked="" type="checkbox"/>	No* <input type="checkbox"/>	Cable Size:	70 X 4	mm ²
Installation Satisfactory ?	Yes <input checked="" type="checkbox"/>	No* <input type="checkbox"/>	Fuse Size:	BRAKER 200	amps
Oil/Water [#] Leaks ?	Yes* <input type="checkbox"/>	No <input checked="" 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"/>	7.1	Mpa <input type="checkbox"/>	Volts On Load:	406, 401, 400 Volts
Line/Network Pressure (B1):	bar <input checked="" type="checkbox"/>	7.3	Mpa <input type="checkbox"/>	Voltage Differential Acceptable ?	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
Oil Temperature (R2):	⁰ C <input checked="" type="checkbox"/>	88	⁰ F <input type="checkbox"/>	Full Load Amps:	L1 : 99 , L2 : 94 , L3 :96 amps
Ambient Temperature:	⁰ C <input checked="" type="checkbox"/>	28	⁰ F <input type="checkbox"/>	No Load Amps:	amps
Fan Ran Temperature:	⁰ C <input checked="" type="checkbox"/>	90	⁰ F <input type="checkbox"/>	Factory Load Condition :	Full <input type="checkbox"/> Half <input type="checkbox"/> Light <input type="checkbox"/>
Fan Stop Temperature:	⁰ C <input checked="" type="checkbox"/>	83	⁰ F <input type="checkbox"/>	Stop Delay Time	Sec <input checked="" type="checkbox"/> 30
Motor Start Delay :	Sec <input checked="" type="checkbox"/>	8		Restart Delay :	Sec <input checked="" type="checkbox"/> 10
Fan Start Delay :	Sec <input checked="" type="checkbox"/>	8.0		Drain Open Time :	Sec <input type="checkbox"/>
Start Delay Time :	Sec <input checked="" type="checkbox"/>	30		Drain Close Time :	Min <input type="checkbox"/>
Load Delay Time :	Sec <input checked="" type="checkbox"/>	10.0		Soft Start Delay :	Sec <input checked="" type="checkbox"/> 30
Standby Delay :	Sec <input checked="" type="checkbox"/>	240.0		Motor Unload Frequency :	Hz <input checked="" type="checkbox"/> 85
Motor Minimum Frequency :	Hz <input checked="" type="checkbox"/>	95		Hours	
Relative Humidity:		%		Total Running Hours:	01' hrs
Volts:	416,411,409		Volts	Total Loaded Hours:	01' hrs

Control Details					
Cut-out Point:	bar <input checked="" type="checkbox"/>	8.1	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"/>	7.1	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"/>	8.1	Mpa <input type="checkbox"/>	Optional Inputs Enabled:	Yes* <input type="checkbox"/> No <input checked="" type="checkbox"/>
² Cut-in Point/Target Pressure:	bar <input type="checkbox"/>		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"/>	8.1	psi <input type="checkbox"/>	Auto-Restart Enabled:	Yes* <input type="checkbox"/> No <input checked="" type="checkbox"/>
Time Unloaded:	120	(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-200C, TAF-200T, TAF-200A	
Dryer: Manufacturer/type/serial No: TRIDENT AGENCY LTD. TAC-150, 20220725015	
Receiver Size (litres): 2000 L	

Dryer Application
FOR CEMICAL FACTORY

Options Fitted / Installed			
Receiver:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Condensate Drain Valve:
Receiver Size (Litres):	2000		By-pass Installed:
Receiver Drain Valve:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Local / Remote Control:
Water Separator:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Flow Control Device:
Pre-filter	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Compressor Details:
Pre-filter Type: TAF-200T			Oil Free Compressor/s:
Pre-filter Sizes: 20 m3/min			Max Flow Rate 12.5 m3/hr <input type="checkbox"/> m3/min <input checked="" type="checkbox"/> CFM <input type="checkbox"/>
After Filter:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Voltage: 416, 411, 409
After Filter Type: TAF-200A			Amperage: 6.70, 6.72, 6.74

Site / Environmental Conditions		Installation Details	
Clean Site Conditions:	Yes <input checked="" type="checkbox"/> No* <input type="checkbox"/>	Cable Size:	70 X4 RM mm2
Installation Satisfactory:	Yes <input checked="" type="checkbox"/> No* <input type="checkbox"/>	Fuse Size:	200 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"/> 28 <input type="checkbox"/>	Dewpoint Switching:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Inlet Air Temperature:	°C <input checked="" type="checkbox"/> 40 °F <input type="checkbox"/>	Auto Fault Re-set:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Inlet Pressure:	bar <input checked="" type="checkbox"/> 7 <input type="checkbox"/>	Auto Restart:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Outlet Pressure:	bar <input checked="" type="checkbox"/> 7 psi <input type="checkbox"/>	Alarm / Trip Dewpoint:	°C <input type="checkbox"/> °F <input checked="" type="checkbox"/>
Dewpoint:	°C <input checked="" type="checkbox"/> 2.6 °F <input type="checkbox"/>	Alarm / Trip Pressure:	bar <input type="checkbox"/> psi <input checked="" type="checkbox"/>
Purge Setting:	bar <input type="checkbox"/> N/A psi <input type="checkbox"/>	Alarm / Trip Temperature:	°C <input type="checkbox"/> °F <input checked="" type="checkbox"/>
Hydrometer Installed:	Yes <input type="checkbox"/> N/A 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 type="checkbox"/>			
Commissioning Engineer:	MD. MAHABUB HOSSEN, MD. SOHEL RANA	MD. MAHABUB HOSSEN, MD. SOHEL RANA	15.02.2023
Customer / End User:	MD.KUMRUL HASAN	MD.KUMRUL HASAN	15.02.2023