

Lubricated Screw-Commissioning Report

Compressor - Type & Serial No.	Serial Numbers	
Type:TAS-100 PMC	Air End: AA2D40596479	Starter Panel: S/N: N/A
Serial No: 22070144	Motor Model: TYK-225S-75-30 S/N: 2204623351 Maker: zjems co.ltd.	Dryer Model : TAC-150 S/N : 20220725013 Pressure: 1.0 Mpa
MAM6080M-W Code	Inverter (if applicable): Model: NZ200T-75GY1-4 S/N:ZC220602342332-228-A	Commissioned By and Date
N/A		Name: MD. HABIBULLAHA,MD. MONJURUL, MD. ZAKIRUL
Number: N/A	MAM6080M-W Controllar : Model: CK1111M016-1(ZHIQI) Box ID: 0011110099 S/N : 2206240694	Training Passport Number: N/A
	MAM6080M-W Software Version: N/A	Date (dd/mm/yyyy) : 12.10.2022

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 checked="" type="checkbox"/>	No <input type="checkbox"/>			

Site Details		Sales Co. / Distributor Details	
Company: SHAH CEMENT INDUSTRIES LTD.		Sales Co. Distributor: TRIDENT AGENCY LTD.	
Address: MUKTERPUR, MUNSHIGANJ,BANGLADESH.		Address: AWAL CENTRE (9TH FLOOR), 34 KEMAL ATATURK AVENUE, BANANI C/A DHAKA, BANGLADESH.	
PostCode: 1500		Postcode: 1213.	
Contact: MD. ANWAR		Contact: MUHAMMAD ALI	
Telephone: +8801842363755		Telephone: +8802 9821377-80.	
Email: psu_maintenance@abulkhairgroup.com		Email: info@tridentbd.com	
Industry Sector		Commissioning Engineer: MD. HABIBULLAHA,MD. MONJURUL, MD. ZAKIRUL	
Industry Sector Code Number*	900		
*For Relevant Code Number please see list on page 3.		Commissioning Date: 12.10.2022	

Compressor Application													
FOR													
Oil Details													
Type: Trident													
Grade: N/A													
Site/Environmental Conditions					Installation Details:								
Clean Site Conditions ?	Yes	<input checked="" type="checkbox"/>	No*	<input type="checkbox"/>	Cable Size:	50 RM	mm ²						
Installation Satisfactory ?	Yes	<input checked="" type="checkbox"/>	No*	<input type="checkbox"/>	Fuse Size:	BRAKER 250	amps						
Oil/Water [#] Leaks ?	Yes*	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	Water Quality Satisfactory ? [#]	Yes	<input type="checkbox"/>	N/A	No* <input 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"/>	5.9	Mpa	<input type="checkbox"/>	Volts On Load:	L1: 410 L2: 411 , L3: 414	Volts					
Line/Network Pressure (B1):	bar	<input checked="" type="checkbox"/>	5.7	Mpa	<input type="checkbox"/>	Voltage Differential Acceptable ?	Yes	<input checked="" type="checkbox"/>	No <input type="checkbox"/>				
Oil Temperature (R2):	°C	<input checked="" type="checkbox"/>	87	°F	<input type="checkbox"/>	Full Load Amps:	L1 : 97 , L2 : 93 , L3 :91	amps					
Ambient Temperature:	°C	<input checked="" type="checkbox"/>	30	°F	<input type="checkbox"/>	No Load Amps:	L1 :44, L2 : 45 , L3 :47	amps					
Fan Ran Temperature:	°C	<input checked="" type="checkbox"/>	90	°F	<input type="checkbox"/>	Factory Load Condition :	Full <input checked="" type="checkbox"/> Half <input type="checkbox"/> Light <input type="checkbox"/>						
Fan Stop Temperature:	°C	<input type="checkbox"/>	85	°F	<input type="checkbox"/>	Stop Delay Time	Sec	<input checked="" type="checkbox"/>	10				
Motor Start Delay :	Sec	<input type="checkbox"/>	N/A	Restart Delay :						Sec	<input checked="" type="checkbox"/>	100	
Fan Start Delay :	Sec	<input checked="" type="checkbox"/>	8.0	Drain Open Time :						Sec	<input type="checkbox"/>	N/A	
Start Delay Time :	Sec	<input type="checkbox"/>	N/A	Drain Close Time :						Min	<input type="checkbox"/>	N/A	
Load Delay Time :	Sec	<input checked="" type="checkbox"/>	10	Soft Start Delay :						Sec	<input type="checkbox"/>	N/A	
Standby Delay :	Sec	<input checked="" type="checkbox"/>	600	Motor Unload Frequency :						Hz	<input type="checkbox"/>	75	
Motor Minimum Frequency :	Hz	<input checked="" type="checkbox"/>	85	Hours									
Relative Humidity:	80	%	Total Running Hours:						1	hrs			
Volts:	L1: 410 , L2: 411 , L3:414	Volts	Total Loaded Hours:						1	hrs			
Control Details													
Cut-out Point:	bar	<input checked="" type="checkbox"/>	7.0	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"/>	6.0	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"/>	7.0	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"/>	6.0	psi	<input type="checkbox"/>	Optional Inputs Enabled:	Yes* <input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Operation:	automatic	<input 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"/>	7.0	psi	<input type="checkbox"/>	Auto-Restart Enabled:	Yes* <input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Time Unloaded:	30	(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-200Q (3 MICRON),TAF-200P (1 MICRON), TAF-200S (0.01 MICRON)													
Dryer: Manufacturer/type/serial No:TRIDENT AGENCY LTD. TAC-150, 20220725013													
Receiver Size (litres): 1000 L													

Dryer Application
FOR
CEMENT FACTORY

Options Fitted / Installed			
Receiver:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Condensate Drain Valve:
Receiver Size (Litres): 1000 L			Yes <input type="checkbox"/> No <input type="checkbox"/>
Receiver Drain Valve:	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	By-pass Installed:
Water Separator TAF-200Q	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Pre-filter TAF-200P	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Local / Remote Control:
Pre-filter Type: 1 MICRON			Yes <input type="checkbox"/> No <input type="checkbox"/>
Pre-filter Sizes: 20.0 m ³			Flow Control Device:
			Yes <input type="checkbox"/> No <input type="checkbox"/>
After Filter: TAF-200S	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Compressor Details:
After Filter Type: 0.01 MICRON			Oil Free Compressor/s:
			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
			Max Flow Rate 12.5 m ³ /hr <input type="checkbox"/> m ³ /min <input checked="" type="checkbox"/> CFM <input checked="" type="checkbox"/>
			Voltage: 403,406,402
			Amperage: 6.9, 6.42, 6.49

Site / Environmental Conditions		Installation Details	
Clean Site Conditions:	Yes <input checked="" type="checkbox"/> No* <input type="checkbox"/>	Cable Size:	3 mm mm ²
Installation Satisfactory:	Yes <input checked="" type="checkbox"/> No* <input type="checkbox"/>	Fuse Size:	63 amps
		Pipework Connections as per guideline	Yes <input 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"/> 30 <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"/> 7.0 <input type="checkbox"/>	Auto Restart:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Outlet Pressure:	bar <input checked="" type="checkbox"/> 6.9 psi <input type="checkbox"/>	Alarm / Trip Dewpoint:	°C <input checked="" type="checkbox"/> 30 °F <input type="checkbox"/>
Dewpoint: Tout	°C <input checked="" type="checkbox"/> 12.5 °F <input type="checkbox"/>	Alarm / Trip Pressure:	bar <input checked="" type="checkbox"/> psi <input type="checkbox"/>
Purge Setting:	bar <input type="checkbox"/> N/A psi <input type="checkbox"/>	Alarm / Trip Temperature:	°C <input checked="" type="checkbox"/> °F <input type="checkbox"/>
Hydrometer Installed:	Yes <input type="checkbox"/> No <input 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. HABIB,ZAKIR, MONJURUL	MD. HABIB,ZAKIR, MONJURUL	12.10.2022
Customer / End User:	MD. ANWAR	MD. ANWAR	12.10.2022

Further Comments:

