

Lubricated Screw-Commissioning Report

Compressor - Type & Serial No.		Serial Numbers	
Type:TAS-50PMC_37KW		Air End: AA5D54055381	Starter Panel: S/N:N/A
Serial No: 23100220		Motor Model: TYK-180M-37-30 S/N: 2309229006 Maker: ZHEJIANG JINLONG ELECTRICAL MACHINERY STOCK CO.LTD.	Dryer Model : TAC-75 S/N : 20231014012 Pressure: 1.0 MPA
MAM6080M-W Code		Inverter (if applicable): Model: NZ200T-45GY-4-6-24V S/N: ZC230803174112-229-1	Commissioned By and Date
N/A			Name: MD. NAZIMUDDUALA_SAMIM
Number: N/A		MAM6080M-W Controller : Model: CK1111M011-6 Box ID: 0011110585 S/N : 2309151256	Training Passport Number: N/A
		MAM6080M-W Software Version: N/A	Date (dd/mm/yyyy) : 08.02.2024

Options Fitted			
Base Load Select:	Yes <input checked="" 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: KC APPARELS LTD.		Sales Co. Distributor: TRIDENT AGENCY LTD.	
Address: BSCIC INDUSTRIAL ESTATE, SHASHONGAON,ANAYETNAGAR,FATULLAH,NARAYANGANJ. PostCode: 1420		Address: AWAL CENTRE (9TH FLOOR), 34 KEMAL ATATURK AVENUE, BANANI C/A DHAKA, BANGLADESH. Postcode: 1213.	
Contact: MD. SHAHIDUZZAMAN		Contact: MUHAMMAD ALI	
Telephone: 01720-234601		Telephone: +8802 9821377-80.	
Email: shahiduzzamankhan@gmail.com		Email: info@tridentbd.com	
Industry Sector		Commissioning Engineer: MD.NAZIMUDDAULA_SAMIM	
Industry Sector Code Number*	900		
*For Relevant Code Number please see list on page 3.		Commissioning Date: 08.02.2024	

Compressor Application		
FOR TEXTILES		
Oil Details		
Type: AONES		
Grade:		

Site/Environmental Conditions			Installation Details:		
Clean Site Conditions ?	Yes <input checked="" type="checkbox"/>	No* <input type="checkbox"/>	Cable Size:	4X 50	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 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"/>	6.0	Mpa	<input type="checkbox"/>
Line/Network Pressure (B1):	bar	<input checked="" type="checkbox"/>	7.0	Mpa	<input type="checkbox"/>
Oil Temperature (R2):	°C	<input checked="" type="checkbox"/>	63	°F	<input type="checkbox"/>
Ambient Temperature:	°C	<input checked="" type="checkbox"/>	35	°F	<input type="checkbox"/>
Fan Ran Temperature:	°C	<input checked="" type="checkbox"/>	88	°F	<input type="checkbox"/>
Fan Stop Temperature:	°C	<input checked="" type="checkbox"/>	80	°F	<input type="checkbox"/>
Motor Start Delay :	Sec	<input checked="" type="checkbox"/>	10		
Fan Start Delay :	Sec	<input checked="" type="checkbox"/>	8.0		
Start Delay Time :	Sec	<input checked="" type="checkbox"/>	6		
Load Delay Time :	Sec	<input checked="" type="checkbox"/>	6.0		
Standby Delay :	Sec	<input checked="" type="checkbox"/>	200		
Motor Minimum Frequency :	Hz	<input checked="" type="checkbox"/>	80		
<div> <div>Volts On Load:</div> <div>400.400,402</div> <div>Volts</div> </div>					
<div> <div>Voltage Differential Acceptable ?</div> <div>Yes <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>Full Load Amps:</div> <div>L1 :45 , L2 : 46 , L3 :48</div> <div>amps</div> </div>					
<div> <div>No Load Amps:</div> <div>20,22,27</div> <div>amps</div> </div>					
<div> <div>Factory Load Condition :</div> <div>Full <input type="checkbox"/></div> <div>Half <input checked="" type="checkbox"/></div> <div>Light <input type="checkbox"/></div> </div>					
<div> <div>Stop Delay Time</div> <div>Sec <input checked="" type="checkbox"/></div> <div>10</div> </div>					
<div> <div>Restart Delay :</div> <div>Sec <input checked="" type="checkbox"/></div> <div>6</div> </div>					
<div> <div>Drain Open Time :</div> <div>Sec <input checked="" type="checkbox"/></div> <div>2.0</div> </div>					
<div> <div>Drain Close Time :</div> <div>Min <input checked="" type="checkbox"/></div> <div>1.0</div> </div>					
<div> <div>Soft Start Delay :</div> <div>Sec <input checked="" type="checkbox"/></div> <div>10</div> </div>					
<div> <div>Motor Unload Frequency :</div> <div>Hz <input checked="" type="checkbox"/></div> <div>80</div> </div>					
Hours					
<div> <div>Relative Humidity:</div> <div>65</div> <div>%</div> </div>					
<div> <div>Volts:</div> <div>400.400,402</div> <div>Volts</div> </div>					
<div> <div>Total Running Hours</div> <div>01</div> <div>Hrs</div> </div>					
<div> <div>Total Loading Hours</div> <div>01</div> <div>Hrs</div> </div>					

Control Details					
Cut-out Point:	bar	<input checked="" type="checkbox"/>	7.0	Mpa	<input type="checkbox"/>
Cut-in Point/Target Pressure:	bar	<input checked="" type="checkbox"/>	6.0	Mpa	<input type="checkbox"/>
² Cut-out Point:	bar	<input checked="" type="checkbox"/>	7.0	Mpa	<input type="checkbox"/>
² Cut-in Point/Target Pressure:	bar	<input type="checkbox"/>	6.0	psi	<input type="checkbox"/>
Operation:	automatic	<input checked="" type="checkbox"/>	continuous	<input type="checkbox"/>	
Unloaded Pressure:	bar	<input checked="" type="checkbox"/>	7.0	psi	<input type="checkbox"/>
Time Unloaded:	120		(seconds)		
Remote Control Enabled:	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
<div> <div>Timer Control Enabled:</div> <div>Yes* <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>² Timer Control Enabled:</div> <div>Yes* <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>Optional Inputs Enabled:</div> <div>Yes* <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>Optional Inputs Enabled:</div> <div>Yes* <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>Base Load Select Enabled:</div> <div>Yes* <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>Auto-Restart Enabled:</div> <div>Yes* <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>Sequencer Controlled:</div> <div>Yes* <input type="checkbox"/></div> <div>No <input checked="" type="checkbox"/></div> </div>					
<div> <div>Operator Training Completed:</div> <div>Yes <input checked="" type="checkbox"/></div> <div>No <input type="checkbox"/></div> </div>					

* 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_20231014012	
Receiver Size (litres): 1000 L	

Dryer Application
FOR TEXTILES

Options Fitted / Installed	
Receiver: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Condensate Drain Valve: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Receiver Size (Litres): 1000	By-pass Installed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Receiver Drain Valve: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Local / Remote Control: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Water Separator: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Flow Control Device: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Pre-filter Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Compressor Details:
Pre-filter Type: TAF-120T	Oil Free Compressor/s: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Pre-filter Sizes: 12.0 m3/min	Max Flow Rate 10.0 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: 237
After Filter Type: TAF-120A	Amperage: 6

Site / Environmental Conditions		Installation Details	
Clean Site Conditions: Yes <input checked="" type="checkbox"/> No* <input type="checkbox"/>		Cable Size: 3X4 RM	mm2
Installation Satisfactory: Yes <input type="checkbox"/> No* <input checked="" 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"/> 35 <input type="checkbox"/>	Dewpoint Switching: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Inlet Air Temperature: °C <input checked="" type="checkbox"/> 21.8 °F <input type="checkbox"/>	Auto Fault Re-set: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Inlet Pressure: bar <input checked="" type="checkbox"/> 6.5 <input type="checkbox"/>	Auto Restart: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Outlet Pressure: bar <input checked="" type="checkbox"/> 6.3 psi <input type="checkbox"/>	Alarm / Trip Dewpoint: °C <input checked="" type="checkbox"/> °F <input type="checkbox"/>		
Dewpoint: °C <input checked="" type="checkbox"/> 5.9 °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"/> N/A No <input checked="" type="checkbox"/>	Service Due: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Signatures	Print	Sign	Date (dd/mm/yyyy)
Operator:			
Training Completed: <input type="checkbox"/>			
Commissioning Engineer:	MD.NAZIMUDDAULA	MD.NAZIMUDDAULA	08.02.2024
Customer / End User:	MD.SHAHIDUZZAMAN	MD.SHAHIDUZZAMAN	08.02.2024

Further Comments:

