

XYZ Company

Service Checklist

Client Information

Name: Md Kashif Ahmad
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Address: sddasdass
Authorized Signature: Engineer 9



Screw Compressor Checklist

Task	Done	Remark
Make safe as instructed in the service manual	No	
Carry out repair (after obtaining authorization, if needed)	No	
Check abnormality in Ambient air like Bad odor / Heavy dust	No	
Check control cabinet / cooler filter mats, clean / replace if necessary	No	
Check / clean cooler, check fan blades and guarding	No	
Check coupling / belt tension, tight if necessary	No	
Check / change oil separator cartridge	No	
Check oil separator cartridge, diff. pressure	No	
Check / change the Air filter	Yes	
Check Air filter cap, Suction hose for any leak or crack / damage	No	
Check / change the Oil filter	Yes	
Check / change the Oil	No	
Check / change the Valve kits	No	
Check motor bearing lubrication, regrease if necessary	Yes	
Check electrical connection and tight if necessary	No	
Check motor overcurrent relays and protection switches	No	
Check door and guard interlocks and emergency stop function	No	
Check all sensor connections and tight if necessary	No	

Task	Done	Remark
Check and register if any safety device bypassed	No	
Check Control voltage; L1 V, Logo Power Output V DC.	No	
Check line voltage: L1 V, L2 V, L3 V	No	
Check current consumption: Line U1 A, V1 A, W1 A	No	
Check Fan motor current Fan 1 U1 A, V1 A, W1 A	No	
Check Fan motor current Fan 2 U1 A, V1 A, W1 A	No	
Room temp: C, Airend discharge temp.: C	No	
Pressure Setting: SP bar, SD bar	Yes	
Check for any Air / Oil leakages in the compressor	No	
Check and maintain ZK filter Eco drain Valve	No	
Test run, check conditions: start, idle, load and shut-down	No	

Refrigerator Checklist

Task	Done	Remark
Check refrigerant levels	No	
Inspect evaporator and condenser coils	No	
Check door seals for damage	No	
Clean drain pan and ensure proper drainage	No	
Verify thermostat operation	No	
Check / clean Air dryer condenser	No	
Check condenser fan motor direction	No	
Check condensate drain function	No	
Check refrigerant circuit and Air circuit for leaks	No	
Check compressed air temperature: Inlet °C Outlet °C	No	
Check current consumption: Line U1 A, V1 A, W1 A	No	
Check Auto On/Off operation; Switching On C, Switching Off C	No	
Pressure dew point [] blue [] green [] red °F/C	No	

Task	Done	Remark
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Check / Replace Air treatment filter cartridge	No	
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