

# XYZ Company

## Service Checklist

### Client Information

Name: Alok Industry

Contact: Raj | Phone: 6019521325

Address: phase 4

Authorized Signature: Engineer 9



### Screw Compressor Checklist

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

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

## Refrigerator Checklist

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

Sr No	Task	Done	Remark
14	Check / Replace Air treatment filter cartridge	No	

List of spare parts required for next visit

Required Parts Descpt.	Part No.	Qty.