

# XYZ Company

## Service Checklist

### Client Information

Name: Alok Industry

Contact: Raj | Phone: 6019521325

Address: phase 4

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  | No   |        |
| Check Air filter cap, Suction hose for any leak or crack / damage        | No   |        |
| Check / change the Oil filter  | No   |        |
| Check / change the Oil   | No   |        |
| Check / change the Valve kits  | No   |        |
| Check motor bearing lubrication, regrease if necessary                   | No   |        |
| 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 <strong>TextField</strong> 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  | No   |        |
| 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 |
|------|------|--------|
|------|------|--------|

Check / Replace Air treatment filter cartridge

No

List of spare parts required for next visit

| Required Parts Descpt. | Part No. | Qty. |
|------------------------|----------|------|
|                        |          |      |