

XYZ Company

Service Checklist

Client Information

Name: final testing

Contact: Jon Stewart Doe | Phone: 89232322332.

Address: 1600 Fake Street

Authorized Signature: Engineer 9



Screw Compressor Checklist

| Task | Done | Remark |
|--|------|---------------------|
| Make safe as instructed in the service manual | Yes | This is 1 checklist |
| 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 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 | |
|--|----|--|