

TO UNLOCK THE LOCKDOWN

Storage & Startup Procedures For Air Compressor

We are currently confronted with a unique crisis which has very badly affected our every sphere of life. First and foremost, we would like to wish all those who have been affected by COVID-19 a speedy recovery, and we express our deepest condolences to those who have lost loved ones. Our sincere prayer to almighty to take us out of this difficult phase as soon as possible.

STORAGE PROCEDURE OF COMPRESSOR

- Disconnect Compressors & Dryers main power supply.
- Keep the compressor doors closed to avoid dust entry.
- Cable entry points need to be closed to avoid rat entry.
- Close Outlet Valve of Compressor, Dryer & Line Filters after depressurizing the System & Airline.
- Ensure that there is no moisture in the Air Receiver & Downstream Filters.
- For water injected & water cooled Compressor, ensure to drain water from water coolers to avoid scale formation and close the water IN & OUT valves.
- Ensure that external Air Receiver Drain valve remains open.

START UP CHECK POINTS

(WHILE COMPRESSOR IS IN POWER OFF CONDITION)

- Clean the oil/air cooler, pre filter, air filter, electrical control panel and complete machine (Use blower/dry air with pressure upto 2.0 bar).
 - Check the free rotation of airend and motor.
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- Check the tightness of incoming cable, control wiring, controller connectors, motor terminal connection & VFD cable connections.
- Check oil level and top up if required to meet the correct oil level.
- Ensure that Oil is in good condition. And it is without any decolourisation, emulsification or dust contamination.
- Drain the moisture from oil tank and air receiver tank.
- Ensure No Services are Over Due. (Oil, Consumables & Grease to be replaced as recommended in Operator Manual/by our representative)

STARTUP CHECK POINTS

(WHEN POWER SUPPLY IS ON)

- Check the incoming Voltage is as per our recommendation.
- Start & check for correct rotation direction of motor.
- Check for correct rotation direction of Cooling fan.
- Check for any alarm message on the PLC.

STARTUP CHECK POINTS

(WHEN COMPRESSOR IS RUNNING)

- Check for smooth operation of Compressor without any abnormal sound.
 - Check for any Air or Oil Leakage from Compressor. Stop compressor and attend them, if there is any leakage.
 - For VFD Units, check for proper operation of Drive cooling fan.
 - Also check that there is no water leakage in water injected & water cooled Compressor.
 - Check proper loading and unloading of Compressor at pre-set pressure band.
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