

Accessory Checklist

Years of Experience

Aftercoolers, Drains

Air-Cooled Aftercoolers

- Clean heat exchanger fins

Water-Cooled Aftercoolers

- Check water pressure
- Check heat exchanger

Moisture Separator

- Check separator element
- Check drain
- Check air flow
- Check particulate
- Check pressure drop



Vapor Absorbers

- Check for any liquid water
- Check for smell
- Change cartridge if needed
- Use after-filter if necessary

Condensate Drains

- Check for clogged strainer
- Clean off contaminants
- Annually rebuild drains
- Ensure proper installation
- Limit one feed per drain

Condensate Management

- Ensure condensate is properly treated
- Check instruction manual for maintenance schedule

Hope Air Systems has been part of THG Corporation for over 40 years. Known as Hope Rubber in the years after World War II, it was just as important then, as it is now, to bring parts and service directly to the customer. With its fleet of modern service vans, Hope Air Systems continues to provide in-field service unmatched in the region. Founded in 1933, The THG Corporation commitment to superior customer service has been the pathway to success.



Circa 1948



Circa 2008

Hope Air Systems Subsidiary of THG Corporation

70 Bearfoot Road
Northborough, MA 01532

Tel: 508-393-7660
Fax: 508-393-8203

www.HopeAir.com

Preventative Maintenance Services



Compressor Checklist

Pump or Airend

Piston/Pump

- ✓ Check the inlet and discharge valves, worn piston rings, low oil pressure

Rotary Screw Airend

- ✓ Check for mechanical seal leakage, inlet valve wear and excessive bearing "play"

Motor

- ✓ Check and grease motor bearings with the right type of grease, replace bearings on a schedule, check amp draw to prevent motor overload and check compressor room ventilation



Drive Coupling

Direct Drive

- ✓ Check and verify the direct drive system is perfectly aligned, check frame and mounting block for settling, check drive coupling for contamination and signs of wear and tear

Gear

- ✓ Check spray bar for excessive contaminants and plugged orifices, check for wear and backlash and ensure proper lubrication

Filters

Air Filters

- ✓ Any contaminants not trapped in the filter will eventually damage machinery and equipment
- ✓ Check pressure and counter flow compressed air to clean filters, check for worn seals, check structural integrity, replace filter after it has been cleaned 2 or 3 times and ensure proper micron rating as specified by OEM

Lubricants

- ✓ Lubricants cool, seal, lubricate and remove contaminants from a compressor
- ✓ Use proper grade of lubricant, drain existing lubricant before refilling, draw routine oil samples to determine maximum lubricant life and use synthetic lubricant for maximum service life

Coolers

- ✓ Check for visible contamination and clean regularly and keep clean and dry



Dryer Checklist

Refrigerated Dryers

Condenser Units

- ✓ Clean the fins with compressed air
- ✓ Check separator and drain function

Controls

- ✓ Check pressure switch setting

Heat Exchangers

- ✓ Check ambient air status

Desiccant Dryers

Filtration

- ✓ Check pressure drop across filters
- ✓ Check drain operation

Desiccant

- ✓ Check desiccant discoloration

Valving

- ✓ Check diaphragms and seals
- ✓ Periodically check for dew point

Purge Mufflers

- ✓ Clean for desiccant dust
- ✓ Check for obstructions

Temperature Controls

- ✓ Check operation settings

Blower

- ✓ Check blower motor
- ✓ Check air inlet filter

