

Review – Repair – Renew Checklist



Review

Draw System Diagram

Complete with all components, storage and points of use.

Energy Recovery

Explore possibilities for space heating, process heating and water heating.

Compressed Air Audit

Review the last one you had completed; did you accomplish all of the suggested improvements?

Maintenance Logs

Are you caught up?

Leak Survey

Have you had one done recently?

Are there still unrepaired leaks?

Header Sizing

Have you outgrown your system?

Having a header that is sized too small could lead to significant pressure drop and a costing a lot of unnecessary expense.



Repair

Pipe Connections

Check for leaks and fix them.

Point of Use

Check connections, replace leaking, high pressure drop connections.

Leaks

Repair as many leaks as possible.

Thoroughly Check for Oil Leaks on Compressors

Repair or consult service organization to make repairs.

Check for cooling water leaks.

Check and Test All Condensate Drains

Make sure to confirm that the drain valves operate correctly and close all the way.

If valve does not operate, drain condensate from receiver tank.

Check Your Oil Water Separator(s)

Make sure they are operating, draining properly. If not, repair or replace.

Check ALL Filters

Inlet filters, oil filters/separators and line filters. Replace as needed.



Renew

Clean All Coolers

Intercoolers, aftercoolers, water coolers and refrigerated dryer condensers.

Check Desiccant Dryers

Check operation and performance (refer to manufacturer's instruction).

Consider taking a core sample and sending for analysis to see if desiccant is still performing.

Calibrate Dewpoint Sensors

Most dewpoint sensors require yearly calibration.

Update Controls

Check for firmware updates (if required).

Consider updating to newest technology for networking capability, automated scheduling and remote-control capability.