

PowerEx Maintenance Requirements

JHFoster will perform this regular maintenance on your compressed air equipment for you to help you stay focused on your business and not on your equipment.

Medical breathing air and laboratory air Compressor maintenance:

Intake filter

Inspect 500 hour or quarterly

Replace 2000 hour or yearly

Pump fins, cooler, and blower

Inspect quarterly

Clean 8000 hours or if dirty

Tip seals and grease pump

Replace/Grease 10,000 hours

(High pressure pumps 5000 hours)

Belts

Inspect quarterly

Replace every 8000 hours

Check valve

Replace every 8000 hours

Pressure switch/transducer operation

Inspect quarterly

Test yearly

Safety valve operation

Inspect quarterly

Pressure gauge operation

Inspect quarterly

Moisture Separator Drains

Inspect quarterly

Replace yearly

Tank timer drains

Inspect quarterly

Replace every 4 years

Motor

Grease yearly

DRYERS

Monthly switch over

Customer Switch monthly

Filter differential

Customer to check monthly

Technician to check quarterly

Operation

Inspect quarterly

Filter drains *HMI, Dryer service alert given every 180 days*

Inspect quarterly

Replace yearly

Filter elements and Mufflers

Inspect quarterly

Replace yearly

Desiccant

Replace every 4 years

Dryer valves

Replace every 4 years



JHFOSTER

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Automation • Robotics • Compressed Air • Service

DEW POINT MONITOR

Operation

Inspect quarterly with JHFoster medical dew point tester

Sensor bleed orifice *HMI, DP Monitor service alert given every 90 days*

Inspect and clean quarterly

Sensor

Inspect sensor indicator light statue

- Green, sensor operation good
- Green & flashing, sensor in calibration
- Red, sensor above +35°F
- Red and flashing, sensor fault
- Replace every 2 years



CO MONITOR (MEDICAL BREATHING AIR ONLY)

Calibration *HMI, CO Monitor service alert given every 365 days*

Required quarterly

CO sensor

Replace every 2 years



QUESTIONS ON SERVICING YOUR COMPRESSED AIR SYSTEM?

Our team of experts are ready to assist you and answer any of your questions and discuss possibilities to utilize our service agreement or parts program to help you stay focused on productivity and efficiency in your work environment. It is important to use NFPA99 equipment and find specialists who are able to correctly service these systems. JHFoster's service team is ASSE 6040 medical air certified. Contact us at **651.452.8452**, solutions@jhfooster.com or visit us today at jhfooster.com.

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