

Keep your equipment healthy with Odessa Pumps

# PREVENTATIVE MAINTANANCE PROGRAM



*"Too many rotating and process equipment assets in the field to stay up with repairs."*

*"Not enough trained technicians on staff to keep up with servicing pump equipment."*

*"It gets costly when we have downtime due to a faulty unit."*

*"I'm not certain that my pumps are really operating at the level I'm expecting them to."*

These are all-too-common stories we hear from major companies. And it's why so many of them have chosen to partner with Odessa Pumps.

Our highly trained service technicians are ready to help ease the headache of unforeseen long and costly downtimes by developing a strong preventative maintenance program to fit your unique needs!

## What is preventative maintenance?

Preventative maintenance is NOT just a random repair. It is a well-developed process of maintaining equipment. This allows for more tailored and up-to-date reporting on your equipment's health and helps make sure your assets and facilities are operating at optimal performance. It's why Odessa Pumps believes so strongly in it!

## What Odessa Pumps Can Provide

- Comprehensive pre-delivery inspection
- Delivery to site
- Correct pump start-up
- On-site performance verification
- Initial logging of pump characteristics such as noise, power consumption and vibration
- Optimized pump set-up
- On-site training of maintenance operatives
- Scheduled site visits to measure vibration levels
- Bearing oil analysis
- Planned maintenance schedule
- Digital ticketing system for easy service tracking



## PRODUCTS SERVICED

### PUMPS

- Centrifugal
  - ANSI
  - Vertical Multistage
  - Self-Priming
  - H Pumps
- Reciprocating
- Diaphragm
- Progressive Cavity
- Gear
- AODD

### PROCESS EQUIPMENT

- Instrument Air Packages
- Variable Frequency Drives (VFD)
- LACT Units
- Vessels
- Meter Skids
- Pig Launcher and Receivers

**Contact or Visit Us Today!**

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# Our Service Capacity

- Field Technicians with laser alignment certifications, factory rep certifications from Griswold, NOV, Blackmer, Cornell
- H-Pump Technicians
  - Barrel swap
  - Thrust chamber replacement
  - Mechanical seal changes
  - and more
- IA Compressors
- One-ton trucks with cranes for service needs
- Complete repair facilities for rebuilding pump
- Complete fabrication facilities for building pump packages



# Our Maintenance Services

## Charge Pumps:

- Check alignment with straight edge on couplings from the pump to the motor - since the units are under 60HP they do not require to be laser aligned
- Grease motors with high temp grease
- Check vibration with a vibration tool – record readings
- Change oil in the power-ends of the pumps with non-detergent 30W oil
- Inspect for any seals or gaskets leaking

## H-pumps:

- Check vibration with a vibration tool and record readings
- Check alignment with laser alignment and record readings
- Change oil in the bearing housing with Royal Purple Oil ISO 32, 46, and 68
- Grease motors with high temp grease

## Transfer Pumps:

- Check alignment with laser alignment based on the style of coupling – dura-flex metal to metal couplings have a lower tolerance, so laser alignment would be necessary
- Grease motors with high temp grease
- Check vibration with a vibration tool – record readings
- Change oil in the power-ends with non-detergent 30W oil – Cornell and Pioneer pumps have no oil. They are greased.
- Inspect for any seals or gaskets leaking
- Cornell and Pioneer Pumps – check seal reservoirs for leaks and top off with ATF Fluid if needed

## Vertical Turbine Pumps:

- Check vibration with a vibration tool – record readings
- Check mechanical seals for leaks and possibly any barrier fluids
- Check motor oil levels - if they are oil bath or grease accordingly

