

PREVENTATIVE MAINTENANCE PROGRAM

Minimize Unplanned Downtime

YOUR COMPLETE CENTAC AND CAMERON JOY CENTRIFUGAL COMPRESSOR SOLUTION

MECHANICAL PERFORMANCE

- Instrumentation Function and Calibration
- Control Panel Tuning
- Vibration Functioning and Readouts
- Lube Oil System Inspections and Oil Analysis
- Inlet Air System Inspection
- Seal Air Inspection
- Coolers/Cooling Water System Inspection
- Condensate Removal System Inspection



COMPRESSOR PERFORMANCE

- Inspect Overall Health of Compressor with Performance Surge
- Establishment of Benchmarks and Trending

OPTIONAL SERVICES AVAILABLE UPON REQUEST

- Laser Alignment
- Vibration Analysis

Additional Charges Apply for These Services



This program offers a fixed cost preventative maintenance schedule that is designed to reduce both compressor downtime and the cost of repair.

		Customer Responsibility			Air Relief Responsibility		
		Each Start	Daily	Weekly	3 month	6 month	Annual
A-1 Base Service							
Hourmeter	Check/Record	x	x	x	x	x	x
Oil Temperature	Check/Record	x	x	x	x	x	x
Casing Inlet Oil Pressure	Check/Record	x	x	x	x	x	x
Driver Lubrication (oil flooded)	Check/Record	x	x	x	x	x	x
Vibration Monitor Readings	Check/Record	x	x	x	x	x	x
Stage Air Pressures	Check/Record	x	x	x	x	x	x
Stage Air Temperature	Check/Record	x	x	x	x	x	x
Test Indicator/Warning Lights	Check/Advise	x	x	x	x	x	x
Inlet Air Temperature	Check/Record	x	x	x	x	x	x
Coolant Temperature: inlet/discharge	Check/Record	x	x	x	x	x	x
Inlet Air Filter DP	Check/Record	x	x	x	x	x	x
Vent Intercooler/Aftercooler	Check/Advise	x	x	x	x	x	x
Condensate Traps	Inspect/Ensure proper function	x	x	x	x	x	x
Reservoir Oil Level	Check/Record/Advise	x	x	x	x	x	x
Control and Instrument Air Filter	Replace as required	x	x	x	x	x	x
Oil Filter DP	Check/Record	x	x	x	x	x	x
Inspect Prelube Pump Coupling	Replace as required						
Inspect for Oil Leaks	Check/Advise	x	x	x	x	x	x
Inspect for Coolant Leaks	Check/Advise	x	x	x	x	x	x
Control System Tuning	Check/Advise				x	x	x
Maintain Daily Log Sheets		x	x	x			
Control Valve Calibration	Check/Advise				x	x	x
Lube Oil Thermostat Valve	Check/Advise	x		x	x	x	x
Inlet Air Filter Panels and Housing	Inspect/Advise			x	x	x	x
Oil Sample Analysis	Check/Advise				x	x	x
Oil Mist Arrestor	Check/Advise	x	x	x	x	x	x
Discharge Check Valve	Check/Advise						x
Inspect Main Motor	Advise	x		x		x	x
Inlet Screens for Oil Pumps	Inspect/Advise					x	x
Vibration Monitor Calibration	Inspect/Advise					x	x
Performance Surge Test Compressor	Check/Advise				x	x	x
Detailed Inspection Report	Per Visit				x	x	x
A-2 Additional Services							
Change Oil Filter	As required					x	x
Clean and Regrease Motor Coupling	Inspect/Advise					x	x
Condensate Piping and Valves	Inspect/Advise	x	x	x	x	x	x
Oil Cooler Water Side Tubes	Clean/Inspect/Replace gaskets				x	x	x
Throttle Surge Test Compressor	Check/Adjust as needed				x	x	x
A-3 Additional Services							
Vibration Analysis (data report only)	Check/Advise				x	x	x
Motor Alignment using Laser Equip	Check/Maintain				x	x	x
Lube Oil Sump (see *1)	Drain/Inspect/Clean						x

ADDITIONAL NOTES:

- *1: Joy TA 18/28/38/48 compressor units without sump access port cannot be inspected and cleaned without the addition of an access port.
- Air Relief's PM programs include diagnostics and inspections. Consumables and any other required parts will be customer supplied unless requested with PM program proposal.
- Pricing is based on a one (1) year agreement term, two visits per year.
- Any services provided outside the scope of the A1 services will be included in the invoice.

