



3103 Mike Collins Drive 800.582.5162
 Eagan, MN 55121 651.452.8452
 jhfoster.com fax 651.681.9368

Providing innovative compressed air solutions since 1938

Cameron Centrifugal Maintenance Schedule C-8 compressors (TA-18, 28, 38, & 48)

Turnaround Inspection Schedule

NOTE: When procedures described are beyond the experience of operating personnel, assistance should be requested.
 Call John Henry Foster's service department at 651.452.8452 or 800.582.5162

Assembly or Part	Discussion
------------------	------------

Gearcase **		Inspect thrust and journal bearings for signs of unusual wear.
		Check thrust bearing axial clearance.
		Inspect bullgear and pinions for unusual signs of wear.
		Check axial clearances between pinion thrust collars and bullgear.
		Inspect air and oil seals for signs of damage.
		Clean impellers, inlets and diffusers with detergent and water.
		Inspect impellers, inlets and diffusers for signs of wear, rubbing or cracking.
		Check clearance between impellers and inlets.

Intercoolers** and Aftercooler**		Inspect cooler tubes.
		Clean intercooler fins with compressed air or steam.
		WARNING: Compressed air or steam can cause injury. Use proper safety equipment.
		Clean intercooler cavities of excessive scaling.
		Test coolant for excessive concentrations of treating chemicals. (Closed-loop or radiator systems)

Lube Oil System**		Inspect oil cooler tubes.
		Test lube oil for contamination or deterioration.

Control Panel		Test for complete and proper operation.
----------------------	--	-----------------------------------------

Control Valves**		Inspect the inlet guide vanes, bypass valve and check valve for signs of wear. Lubricate guide vane actuator and bypass valve piston.
-------------------------	--	---------------------------------------------------------------------------------------------------------------------------------------

Compressor Drive Motor		Inspect motor in accordance with the manufacturer's recommendations.
		Inspect main drive coupling for unusual signs of water.
		Check alignment between compressor and motor shafts.

****Inspection Parts (gaskets, O-rings, etc.,) required.**