

## FS-ELLIOTT - Centrifugal Maintenance Schedule

### INTERVAL

### ACTION

#### Daily (8 hours maximum)

- Check intercooler condensate drain valves
- Listen for unusual noises

#### Weekly Checks



- Check oil reservoir level
- Check oil level in driver or grease
- Check dP of air filter elements
- Check vibration levels
- Check dP of oil filter element
- Check interstage air temperatures/approach temperatures
- Check oil temperature
- Check aftercooler temperature

#### Quarterly Checks

- Change air filter elements, if necessary
- Check dP of OME element
- Check for oil leaks
- Check for water leaks
- Suggest/obtain oil sample for analysis
- Review operator's data log sheet
- Record set of operating data
- Review/download historical data (alarms/trips)

#### Semi-Annual Checks

- Change oil filter element, if necessary
- Inspect/grease main coupling
- Check instrument air filter

#### Annual Checks

- Change bullgear seal, if necessary
- Grease auxiliary oil pump motor bearings
- Inspect discharge check valve
- Inspect interstage air gaskets
- Complete intercooler overhaul
- Complete oil cooler overhaul
- Complete aftercooler overhaul
- Replace oil/clean reservoir
- Check surge point
- Check motor/compressor alignment

#### 3-5 Year Checks

- Inspect/clean motor internals
- Inspect motor starter
- Sandblast/recoat interior or intercooler shell
- Hydrotest heat exchangers
- Inspect/clean compressor aero hardware
- Record casing vibration data (motor and compressor)
- Inspect compressor internals (bearings and seals)
- Check instrumentation
- Check safety and protective devices