

## *CNCS Ilc Preventative Maintenance Procedure Mori Seiki*

- **Hydraulic System**
  - Change oil /
  - Condition of oil and tank
  - Clean filter list pressure PSI
  - Inspect hydraulic hoses
- **Lube System**
  - Inspect lube system
  - Clean lube filter and tank
  - Replace metering valves
- **Headstock Area**
  - Inspect all belts
  - Spindle belt condition
  - Encoder belt condition
  - Inspect collet closer, Spindle
- **Turret**
  - Check turret
  - Turret Straightness
  - Turret Radial
- **Clean and inspect**
  - Clean machine cooling fans
  - Pull back way covers and clean
  - Inspect ways
  - Inspect ball screws
- **Machine**
  - General Inspection
  - Adjust gibs
  - Replace wipers
  - Check backlash
            X-axis Z-axis
  - Way to carriage check
            X-axis Z-axis
  - Ball screw to carriage check
            X-axis Z-axis
- **Miscellaneous**
  - Tighten screws in electrical cabinet
  - Clean and replace air filters
  - Change backup batteries
  - Inspect wire cables
- **monitor axes for noise and current draw**
- **X plus** % **X minus** %
- **Z plus** % **Z minus** %

Date

Machine #