



LATHE PREVENTATIVE MAINTENANCE REPORT

Date:

Machine Type: LATHE

Model and Control:

Serial Number:

		Findings	Results
MACHINE LEVEL			
Machine Level X-Plane	OK		
Machine Level Z-Plane	OK		
TURRET			
A-Turret Parallelism			
A-Turret Inclination			
B-Turret Parallelism			
B-Turret Inclination			
AXES			
X-A Backlash			
X-B Backlash			
Z-A Backlash			
Z-B Backlash			
Y-A Backlash			
X-A Axes Load	At 100%		
X-B Axes Load	At 100%		
Z-A Axes Load	At 100%		
Z-B Axes Load	At 100%		
SPINDLE			
Spindle Actuator Runout			
Spindle Belt Condition & Noise	visual		
Front Spindle Bearing Temperature	<68 F+Room Ambient		
Rear Spindle Bearing Temperature	<68 F+Room Ambient		
Ambient Temperature			
Spindle Load @ max. R.P.M.			



		Findings	Results
SUB SPINDLE			
Sub Spindle Actuator Runout			
Sub Spindle Belt Condition & Noise			
Front Sub Spindle Bearing Temperature	<68 F+Room Ambient		
Rear Sub Spindle Bearing Temperature	<68 F+Room Ambient		
Ambient Temperature			
Load @ Max. R.P.M			
ELECTRICS			
Primary Incoming Voltage	Optimal 208v +-10%		
Check operation Heat Exchanger Fans	visual		
Check CPU Fans for Operation	visual		
Check Grounding of Machine			
Check Seals on OSP & CRT Cabinet	visual		
Check of the CRT Key Panels			
Check Operation of the E-Stop			
Check Operation of the Light Tower			
WIPERS			
Check all Wipers for wear	visual		
Check Scrappers for wear	visual		
Inspect all Way Areas X,Y & Z	visual		
Inspect all Sliding Covers for Damage / Wear	visual		
TAILSTOCK			
Check wipers on tailstock	visual		
Inspect for hydraulic leaks	visual		
Inspect Lubrication to Unit	visual		
HYDRAULIC			
Change Hydraulic Oils			
Change Filter			
Clean Suction Filter			
Check for Fluid Leaks	visual		

