



Preventive Maintenance – Spray Equipment Lathe With 3-Axis

Preventive Action	Safety Inspection	Basic Service Contract	Upgraded Service Contract
Service Interruption	Minimal	Medium	Full planned outage
Headstock:			
Lubricate bearings		X	X
Check motors for spin speed	X	X	X
Check wear of pulleys and belt		X	
Replace pulleys and belt			X
Chuck run out and adjust			X
Concentricity and adjust			X
Inspect dead center	X	X	X
Inspect position of safety cover	X	X	X
Check RPM pickup		X	X
Adjust gearbox oil level			X
Tailstock:			
Check condition of live center	X	X	X
Inspect air valve and cylinder	X	X	X
Inspect air regulator & gauge	X	X	X
Inspect air lines for leakage	X	X	X
Add hydraulic pump oil			X
Check hydraulic cylinders		X	X
Check hydraulic lines	X	X	X
Check gauge for functionality		X	X
Inspect rollers and CAMS	X	X	X
Traverse (3 Axis):			
Check V-groove rollers	X	X	X
Check anchor bolts	X	X	X
Check linear drives	X	X	X
Check gear rack and pinion	X	X	X
Check flex chains and cables	X	X	X
Check traverse play	X	X	X
Check air lines	X	X	X
Check Servo motors and connections	X	X	X



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Service Interruption	Minimal	Medium	Full planned outage
Bed:			
Check centerline alignment		X	X
Check top surface for tail stk.	X	X	X
Inspect leveling bolts	X	X	X
Inspect floor anchors	X	X	X
Control panel:			
Check safety circuits		X	X
Clean VFD		X	X
Clean cooling fan		X	X
Check intake fan	X	X	X
Inspect RPM display	X	X	X
Check local & remote controls		X	X
Inspect terminal tightness			X
Test incoming power		X	X
Test control power (VDC or VAC)		X	X
Test amp draw for lathe		X	X
Check remote pendant	X	X	X

Note: Additional charges will apply if travel time to facility is greater than one hour from Arzell, Inc.