



Lathe Maintenance Schedule

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Inspector		Date		Signature	
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End of Day/Shift Tasks

Inspection Item	Note	Yes	No	NA
Clear off all chips from waycovers.		■	■	■
Check chip filter on top of coolant tank. Remove any excessive piles of chips present.		■	■	■

End of Week Tasks

Inspection Item	Note	Yes	No	NA
Clear off chip build-up on top of turret and inside turret cavities.		■	■	■
Inspect the air regulator pressure gauge in the lube panel on your machine. Verify that it matches the reading on the control and is within the acceptable operating range.		■	■	■
Check the coolant float gauge and verify that it is operating properly and the displayed reading matches the actual level in your tank.		■	■	■
Clear out chip build-up in the coolant collector.		■	■	■
Check coolant concentration. Use a refractometer and verify that the concentration meets the manufacturer's specifications.		■	■	■
Check the surface of the coolant tank for tramp oil. Remove any present.		■	■	■
Check auxiliary filter bag. Replace if necessary.		■	■	■
Grease barfeeder push rod and bushing. Use a generic lithium grease (i.e. Mobilgrease XHP 222)		■	■	■

Morning Tasks

Inspection Item	Note	Yes	No	NA
Apply 3 pumps of grease to the hydraulic chuck at each zerk fitting.		■	■	■
Check hydraulic pressure gauges. Ensure they are set to the correct operating levels.		■	■	■
Warm up spindle. Run spindle at 500 RPM for 5 min		■	■	■
Check air lines for water. Depress the trigger on the air gun so any water present in the lines will be evacuated. If water issues persist, check the shop air.		■	■	■
Check coolant level in control. Verify that it is in the proper operating range.		■	■	■
Check air pressure in control. Verify that it is in the proper operating range.		■	■	■
Check coolant concentration. Use a refractometer and verify that the concentration meets the manufacturer's specifications.		■	■	■