CNC Lathe
Safety Evaluation Checklist

Business Name: _____ Today's Date: _____

Machine Tag #: _____ Manufacturer: _____ Year of Manufacture: _____

Yes	No	N/A	
			Point of operation -- Completely enclosed
			Is the point of operation completely enclosed? If "Yes," answer the following:
			Is each door and access portal equipped with an interlock? (Ask operator)
			If point of operation is NOT completely enclosed, answer the following:
			Is a chip and coolant shield in place?
			Is shield free from cracks and in good condition?
			Is a work-holding device (chuck) shield in place?
			Is shield free from cracks and in good condition?
			Is the chuck guarded?
			Bar feed
			Are safeguards in place to enclose location where bar stock is fed in to the machine?
			Is entire length of rotating bar stock enclosed?
			Chip removal system
			Is chip removal system enclosed?
			If there is a chip conveyor, is there a separate set of controls for the conveyor?
			Guards, general
			Are guards free from cracks and in good condition?
			Power transmission guard
			Are all moving parts below 7 ft. guarded?
			Is guard free from cracks and in good condition?
			Operational controls
			Are all controls legibly marked?
			Are all controls accessible without reaching over rotating/dangerous parts?
			Are safeguards in place to prevent unintended activation of any controls?
			Emergency stop
			Is there a red mushroom-shaped emergency stop button that stops all hazardous motion (e.g., spindles, feeds, auxiliary equipment)?
			Is an emergency stop readily accessible to each operator?

Yes	No	N/A	
			Lockout/Tagout (LO/TO)
			Is a lockable disconnect in place for each energy source?
			Are disconnects in plain view?
			Are LO/TO procedures posted on or near the machine? *If "yes", answer next 4 questions (else, mark them all "no").*
			Does the LO/TO procedure contain specific steps for shutting down and locking out each source of hazardous energy?
			Does the LO/TO procedure require that stored energy be eliminated prior to placement of lockout devices?
			Does the LO/TO procedure contain specific instructions for verifying the effectiveness of lockout devices and other energy control measures before maintenance is performed?
			Does the LO/TO procedure contain specific steps for removing LO/TO devices and restoring power?
			Electrical wiring and components
			Are all live electrical components properly enclosed and insulated?
			Are all wires in good condition?
			Is machine powered without the use of extension cords?
			Is strain relief securely in place at both ends of drop cords? (Select "N/A" if there is no drop cord.)
			Are drop cord receptacles free of knockouts, holes, or conductive materials?
			Is auxiliary lighting below 7 ft. properly protected against impact?
			Work area
			Is the work area free of trip hazards?
			Is the machine adequately stabilized?
			Safe work practices (Select "N/A" if no employee operating machine.)
			Is machine operator wearing safety glasses with side shields?
			Are all safeguards in place when work is performed (e.g., employees do not attempt to bypass guards)?
			Is machine operator's attire free of entanglement hazards?
			Notes
			Is there additional information to supplement your answers to the questions in this checklist?
			Please provide details: