

OKAMOTO CORP. PREVENTIVE MAINTENANCE CHECK LIST- SADDLE TYPE GRINDERS

Customer	Date	Report Number		
Service Tech.	Model	Serial Number		
Machine Condition:	POOR	FAIR	GOOD	Recommendations:
Vertical Slideways				Check condition of the slideway finish for, lube, marks or scratches
Gib Tension				Check up/down movement.
Vertical Screw				Check for backlash, and lube.
Spindle Run-Out				Check for run out with a dial indicator
Spindle Motor Amperage				Check the current draw with an amp probe.
Table Slideways				Check condition slideway finish for, lube, marks or scratches
Table Cylinder				Check condition, check up/down movement
Table Control Valve				Check the operation, speed, and fuction
Table Rack And Pinion				Check condition of teeth and the rack
Saddle Slideways				Check condition slideway finish for, lube, marks or scratches
Saddle Control Valve				Check the saddle movement and speed.
Crossfeed Screw				Check operation, backlash, and speed.
Hydraulic Pump And Pressure				Check condition of oil, the pressure. Oil type mobil 1405
Hydraulic Motor Amperage				Check condition amp/current draw
Hydraulic Filter And Oil				Check for odd noises/sounds, oil condition.
Machine Lubrication				Check operation of lube for system.
Solenoids And Valves				Check operation of table, saddle and vertical.
Control Panel				Check condition, lettering, and key function
Chuck Control Output				Check voltage at all 10 settings
Chuck Condition				Check chuck condition, dial indicate surface. Dust as needed
Splash Guards				Observe / straighten / tighten
Machine Condition				Check condition look for damaged.
Machine Operations				Check operation of all switches.
Machine Level				Check the machine for level.
Supplied Power Voltage Check				Check input voltages
Control Transformers Check 5%				Voltage check, tighten taps
24 VDC Output (+/- 10%)				Check voltages with a meter
5 VDC Output (+/- 10%)				Check voltages with a meter
200 VAC Output (+/- 10%)				Check voltages with a meter
Electrical Wiring AC				Check condition of wiring, tighten all connections
Electrical Wiring DC				Check condition of wiring, tighten all connections
Control Panel Condition				Check for wires in wire tracks, no cut or nicks.
Control Type				
Comments: Monthly				
Check the hydraulic / lube oil condition, pressure, and the oil level.				
Check the level of the machine.				
Check the condition and level of the coolant.				
Service Technician's Signature				Date