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<i>Preventative Maintenance Procedure Hardinge VMC</i>	<i>Annually</i>
Test RS 232 port; download parameters and data onto CD ROM	<input type="checkbox"/>
Pull way covers back and clean out chips and coolant	<input type="checkbox"/>
Clean outside of machine	<input type="checkbox"/>
Check and inspect wire raceways for broken wires	<input type="checkbox"/>
Grease and inspect lubrication lines	<input type="checkbox"/>
Inspect unclamp cylinder / Test drawbar	<input type="checkbox"/>
Clean spindle motor fan	<input type="checkbox"/>
Inspect and adjust all belts	<input type="checkbox"/>
Inspect level of machine and re-level if necessary	<input type="checkbox"/>
Check backlash - all axes	<input type="checkbox"/>
Inspect and adjust tool changer operation	<input type="checkbox"/>
Clean or change all air filters	<input type="checkbox"/>
Thermal imaging predictive maintenance	<input type="checkbox"/>
Inspect high speed spindle lube	<input type="checkbox"/>
Inspect air system components	<input type="checkbox"/>
Replace control batteries	<input type="checkbox"/>
Install test program, run machine and monitor axes for noise and current draw	<input type="checkbox"/>
<i>*All parts and materials to be supplied by customer.</i>	

Customer _____ Model _____ Serial # _____ Date _____