

Equipment Training Sheet - ATM Saphir 530 Dual Wheel Specimen Grinder/Polisher

Name: _____

Position: _____

Department: _____

Phone: _____

e-mail: _____

Director: _____

Staff Initials	Trainee Initials	
		<p><u>Anyone needing access to MSE equipment needs to contact MSE tech staff:</u></p> <ul style="list-style-type: none"> • For initial training • For subsequent usage (will receive equipment card) • No secondary training of the equipment
		<p><u>Review of hazards, controls, personal protective equipment:</u></p> <ul style="list-style-type: none"> • Gloves may be worn to minimize contact with water and polishing media though caution should be taken with rotating wheel could pull hand towards center of machine • <u>Always wear safety glasses</u> when operating the grinder/polisher, also be aware of anyone close by to either move to a safe distance or to wear safety glasses • <u>Pinch and crush hazard</u> due to automatic head and rotating platen extra caution should be taken • Be mindful of the location of the <u>emergency stop button</u>
		<p><u>Review of standard operating procedure:</u></p> <ul style="list-style-type: none"> • http://www.mse.engin.umich.edu/internal/procedures/atm-saphir-530 • The consumables are <u>only available</u> for those associated with the MSE department or classes; otherwise supply your own. • Do not edit programs stored in software without asking first <ul style="list-style-type: none"> ○ Use default programs 1, 2, 3, another stored program or manually adjust front panel ○ When using the Saphir 530, you should have an idea what time, force, rpm and grinding/polishing steps are desired
		<p><u>Available supplies to help in the procedure:</u></p> <ul style="list-style-type: none"> • Tweezers and spatulas • Gloves • Safety glasses • All consumables (grinding papers, polishing lubricants and polishing clothes) should be located in the drawers underneath the grinders/polishers <ul style="list-style-type: none"> ○ If those locations are out of supplies, please see the staff for obtaining supplies out of the cabinet

Staff Signature/date: _____

Trainee Signature/date: _____