

Equipment Training Sheet – Brabender Plasti-corder

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"> • <u>Always wear safety glasses</u> when operating, also be aware of anyone close by to either move to a safe distance or to wear safety glasses • <u>High temperatures present!</u> Additional ppo is required if high temperature conditions present <ul style="list-style-type: none"> ○ High temp gloves • Bring the MSDS for the material to be studied if hazardous • Be mindful of the location of the <u>emergency stop button</u> • Risk of pinching due to rotating components • If using volatile chemicals or loose powders use the snorkle fume hoods • Be careful not to apply too much torque otherwise the sheer pin may break <ul style="list-style-type: none"> ○ Extra pins available
		<p><u>Review of standard operating procedure:</u></p> <ul style="list-style-type: none"> • http://www.mse.engin.umich.edu/internal/procedures/brabender-plasti-corder-with-extruder-and-mixer-attachment • Turn on power to mixer and temp. control unit • Program temperature settings • Turn on mixer and set the speed • Disassemble mixer and clean appropriately then reassemble
		<p><u>Available supplies to help in the procedure:</u></p> <ul style="list-style-type: none"> • Nitrile gloves • High temp gloves • Spatulas • Safety glasses • Shear pins

Staff Signature/date: _____

Trainee Signature/date: _____