

Equipment Training Sheet - Perkin Elmer DSC-6 & Autobalance

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 should be worn to minimize oils from hands contaminating chamber and samples • Any PPE and precautions should be followed for the specimens • Bring the MSDS for the material to be studied if hazardous
		<p><u>Review of standard operating procedure:</u></p> <ul style="list-style-type: none"> • http://www.mse.engin.umich.edu/internal/procedures/perkin-elmer-dsc-6-thermal-analyzer • Autobalance instructions located next to DSC • When placing or removing samples in the autobalance it is important to have the pans in the “rest” position to prevent damage to the balance • It is useful but not required to run a baseline run before running your samples • Baseline run must have the same method/procedure as the specimen • Add baseline correction in second tab in the software before running sample • Make sure the nitrogen gas is turned on to minimize condensation on detector • Make sure pump is turned on and enough ice is placed in chamber • Usage time begins at the beginning of the pumping procedure
		<p><u>Available supplies to help in the procedure:</u></p> <ul style="list-style-type: none"> • Aluminum pans and lids • Sample press • Tweezers and spatulas • Ice

Staff Signature/date: _____

Trainee Signature/date: _____