

Equipment Training Sheet – Image capturing for Nikon Digital Insight DS-L1 and DS-L2

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 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 • Small risk of pinching due to moving components
		<p><u>Review of standard operating procedure:</u></p> <ul style="list-style-type: none"> • http://www.mse.engin.umich.edu/internal/procedures/image-capturing-for-nikon-ds-l1 • http://www.mse.engin.umich.edu/internal/procedures/image-capturing-for-nikon-digital-insight-ds-l2 • Image retrieval locations: web address, cf card and usb drive (ds-l2 only) • CF card readers found in 2224C HH Dow • Software has 5 tabs: Cam, View, Rec, Tool, Setup • Three main imaging types: brightfield (bf), darkfield (df) and polar\nomarski (DIC-PH) • Scale bars are saved for Nikon Optiphot microscopes (5x, 10x, 40x, 100x) • If uncertain if scale bars are accurate ask trainer to verify for you
		<p><u>Available supplies to help in the procedure:</u></p> <ul style="list-style-type: none"> • Tweezers and spatulas • Gloves • Calibration slide upon request • Aluminum and glass (upon request) slides • Card Readers • Larger scale rulers for measurements using AZ100 and SMZ

Staff Signature/date: _____

Trainee Signature/date: _____