

LASER SYSTEM-SPECIFIC TRAINING CHECKLIST

Laser User:	
Laser Owner:	Nathalie Bouet
Laser System:	MOS LASER CURVATURE MEASUREMENT SYSTEM; THIN FILM DEPOSITION LAB E2/E4 – BUILDING 703

Topic	User Signature/Date	Owner Signature/Date
General Laser Safety <ul style="list-style-type: none"> • Laser classifications: class 3B. • Laser hazards: eye burns. • Maximum permissible exposure. • Good practice in the lab. 		
LCA Interlock Instruction <ul style="list-style-type: none"> • Configuration: access to the lab secured by key. • Operation: lock door when cover off; post door with signage. 		
Description of Laser Output Characteristics <ul style="list-style-type: none"> • Wavelength: 630nm. • Max Power: 35mW/Pulse. 35mW max power. Alignment typically done using 10mW. 		
Associated electric hazards <ul style="list-style-type: none"> • Power supply. 		
Normal Operation <ul style="list-style-type: none"> • Power on/off: computer controlled. • Shutter operation: N/A • Normal experimental configuration: show user how to operate the laser through the software, including change of laser power. Notify user that no change to configuration is to be made. Notify user that if re-alignment is necessary it can only be done by the laser owner. • Nominal hazard zone: Beam path inside the laser enclosure. Laboratory posted during laser alignment with cover off. 		
Non-Normal Operation* <ul style="list-style-type: none"> • Gross alignment: to be done by the laser owner. • Troubleshooting: notify user to contact the laser owner immediately. 		

**Only those users who have completed the Non-Normal Operation portion of the laser-specific training may perform gross alignment procedures as defined in the Standard Operating Procedure.*