CHECKLIST OF REQUIREMENTS FOR USING THE TEM UNSUPERVISED

User: __________________________ Date: _______ Examiner: _______________

Users must score 100% to use the Zeiss 10C Unsupervised.

Users can be checked out any number of times until her/his score is 100%.

Scope must be used at least once a semester to maintain unsupervised status.

1. Does user know all steps, in order for turning microscope ON? □ □

2. Does user know all steps, in order for turning microscope OFF? □ □

3. Does user know correct use of Haskeris water cooling system? □ □

4. Can user locate, center and saturate filament correctly? (Not Under- or Over-saturated) □ □

5. Can user recognize condenser aperture alignment, locate and center aperture? □ □

6. Can user recognize objective aperture alignment, locate and center aperture? □ □

7. Can user correctly insert and remove specimens? - X/Y Stage translation at 500/500 □ □

8. Can user change film in the prescribed sequence (correct loading of film cassette)? □ □

9. Does the user pump down film desiccator properly? □ □

10. Does user know the emergency procedures? □ □

11. 10 hours of beam time is required.

Date Beam Time

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