CHECKLIST OF REQUIREMENTS FOR USING THE TEM UNSUPERVISED

User: __________________________   Date: ______   Examiner: ________________

Users must score 100% to use the JEOL 100S 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? [ ] [ ]
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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