Screening with EPU Independence Test Evaluator Checklist - CryoEM Merit Badges

Supervising Staff: _____   Date: _____

Trainee: _____

Pre-screening checks
- ❏ Any errors on TEMUI
- ❏ Check vacuum and temperature
- ❏ Autoloader Inventory is finished

Starting Atlas in EPU
- ❏ Open column valves and check beam before starting Atlas
- ❏ Create an Atlas session
- ❏ Start Atlas

Evaluator Notes:

_____

_____

Screening in EPU
- ❏ Load a grid to screen
- ❏ Move stage to a square and use GridSquare Preset to acquire an image
- ❏ Eucentric height is found using AutoFunctions-AutoEucentric
- ❏ Acquire an image of foil holes
- ❏ Perform AutoFocus on carbon film
- ❏ Move stage and image samples in a hole
- ❏ Evaluate the quality of ice and samples

Evaluator Notes:

_____

_____