



Cryo-EM Merit Badge Independence Checklist

A Collaboration Among the NIH-Funded Cryo-EM National Centers

Cryogenic Sample Shipping Independence Test Checklist – CryoEM Merit Badges

Trainee: _____

Paperwork

- ☐ ☐ Shipping documents properly filled out (correct version)
- ☐ ☐ Shipping documents provided electronically by deadlines
- ☐ ☐ Hard copy of documents provided in the dewar
- ☐ ☐ Tracking information provided
- ☐ ☐ Return label included with the dry shipper

Dewar Condition & Shipping

- ☐ ☐ Shipper sent before Thursday
- ☐ ☐ Overnight shipping option used
- ☐ ☐ Shipper arrives cryogenic
- ☐ ☐ Shipper arrives with no liquid inside
- ☐ ☐ Lid is secured with a zip-tie

Grid boxes and secondary containers

- ☐ ☐ Conical tube is retrievable
- ☐ ☐ Conical tube has ventilation holes
- ☐ ☐ If MiTeGen pucks: Locking rod is included
- ☐ ☐ Pucks properly placed in canes
- ☐ ☐ Grid storage box/button lids on securely
- ☐ ☐ Everything in dewar accounted for in documents
- ☐ ☐ Labeling on the manifest exactly matches the labeling on the boxes

Supervising Staff 1: _____

Date: _____

Supervising Staff 2: _____

Date: _____