

## Laser Safety Regulations at HPCAT

1. Only authorized laser users are allowed to enter LCA area, operate/use HPCAT's laser systems ((a) ruby system outside ID-B, (b) compact Raman system in Rm. E020, and (c) laser heating system inside ID-B).
2. To be qualified as authorized laser user, one needs to
  - (a) be a qualified APS user,
  - (b) complete ANL laser safety training,
  - (c) have a valid eye exam according to ANL's requirement,
  - (d) finish HPCAT sector orientation,
  - (e) finish HPCAT laser user orientation and sign HPCAT laser user agreement.
3. Authorized laser users understand and agree to follow ANL laser safety regulations and rules (described in the laser safety training).
4. Authorized laser users understand and agree to follow the operation procedures of the laser systems at HPCAT (described in SOP and HPCAT laser safety orientation).
5. Users agree to comply with the followings:
  - (a) For laser heating users, do not enter the ID-B hutch when laser shutters are open. To enter the hutch, reduce the laser power to 20 amp, close the laser shutters, and close the interlock laser shutters on the interlock panel.
  - (b) Wear safety glasses where it's required (see the warning signs).
  - (c) Do not modified or remove any component of the laser systems.
  - (d) Do not bring any additional laser higher than class II into HPCAT area without permit from ANL and APS.

I have read, understand, and agree to follow the laser regulations, rules and laser operation procedures set by ANL (laser safety training) and HPCAT (those in SOP and re-emphasized above).

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Please return the signed page to Yue Meng, LCA Supervisor