

Forge and Smelter Usage Rules

Revision 1.1

1/23/18

1. The equipment must only be used outside, and any equipment which generates heat must be kept at least 5 feet away from any structures.
2. Heated metal must be cooled before being brought into the student shop. For all hot metal working, the operation must be done outside, and the tools for the operation must be move outside.
3. Any operations which must be done outside must also not be done during operating hours of Shipping and Receiving, which are at the time of this writing 7:30am to 4:00pm Monday-Friday.
4. When working with hot metal, adequate safety equipment must be used. Clothes should not be made of synthetic fiber. As a basis, you must wear durable closed toe shoes, long pants, a shirt, and safety glasses. Long hair must be tied back. In addition:
 - a. For using the smelter, heat resistant gloves and long sleeved welding jacket must be worn when interacting with the smelter. A face shield is also recommended.
 - b. For forging, use of gloves and welding jacket can result in overheating, so use is left up to the decision of the user, but must be used for any operation which could be a risk to the user.
5. Fuel for the equipment must be stored outside of the student shop in the cage by the transportation building. This cage must be kept locked at all times. The key for the cage can be acquired from one of the metalworking club leadership.
6. All equipment must be returned to the proper storage areas in the student shop after use.
7. Any person using the equipment must have taken student shop training and access.
8. Any person using the equipment must have signed this form and been trained in using each of the pieces of equipment by the metalworking club leadership.

Signing this document means you have read and agree to follow all the rules on this document.

Name _____

Signature _____ Date _____