

Plasma Cutting Policy

(for Navigator, Blaze, Phoenix, and Arclight Machines)

Effective October 20, 2025

1. Machine Certification: All members must possess a **Current Certification** to use any of the Plasma Machines:

Certification must be conducted and approved by a Plasma Monitor which includes:

- Ability to produce a TAP or NGC file using SheetCam, verify all settings in the program used. **Altering any Sheet Cam settings will result in improper cutting.**
- Ability to Post Process a file using SheetCam and demonstrate ability to produce an acceptable TAP or NGC file and set up machine for cutting, following the instruction sheets.
- Ability to shut down the machine when finished cutting as per the shut-down instructions. This includes **cleaning of the machine slag and grids.**

2. Machine Operation: **CERTIFIED MEMBERS MUST STAY AT ALL CUTTING MACHINES WHILE CUTTING IS IN PROCESS.** If you need to walk away from a cutting machine while cutting is still in process, you must either PAUSE or STOP the machine. Violations will be subject to the disciplinary process described in the club bylaws.

3. Settings: Certified members **may NOT change any settings** on the Arclight/Phoenix computer set-up. Settings have been established to work effectively with the machines. Violations will be subject to the disciplinary process described in the club bylaws.

4. Sign-up Process: Certified members must sign up to use the machine as follows:

- Sign-ups are available in two-hour time blocks:
 - Three-day advance starting at noon on Thursday for the following Monday through Friday time periods.
 - Daily same day sign-ups, as available, on a first-come basis.
- Advance sign-up is limited to one time per week. If a Machine is available between reserved time slots, additional cutting may be done on a first-come basis, ensuring cutting is completed before the next reserved time.
- Maximum of four hours when a member cuts for another member.
- Machine use must end at 3:30pm to allow machine cleaning prior to 4:00pm closure.

