

# Plasma Cutting Policy (for Blaze, Phoenix, Arclight Machines)

Effective October 9, 2023

- All members must possess a **Current Certification** to use any of the Plasma Machines:
  1. Certification must be conducted and approved by a Plasma Monitor.
  2. Electrode/Nozzle must be Hypertherm product ONLY!
  3. Ability to produce a clean DXF file with clean and acceptable pattern lines.
  4. 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.
  5. 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.
  6. Ability to shut down the machine when finished cutting as per the shut-down instructions. This includes **cleaning of the machine slag and grids.**
- **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.**
- **Certified members must NOT change any settings in the computer set-up. Settings have been set to work effectively with the machines. Violations will be subject to the disciplinary process described in the club bylaws.**
- Certified members must sign up to use the machine in two-hour blocks of time.
  1. Maximum of four hours for shared two-member cutting sign-ups.
  2. Sign-ups available two ways:
    - a. Three-day advance starting at noon on Thursday for the following Monday through Friday time periods.
    - b. Daily same day sign-ups, as available, on a first come basis.
  3. Advance sign-up is limited to one time per week. If either Machine is available between reserved time slots, additional cutting may be done on a first come basis, ensuring cutting completion be done before the next reserved time.
  4. When finished, the Key must be returned to the front desk Monitor.

## **Plasma Cutting Policy (for Blaze, Phoenix, Arclight Machines) - continued**

- All mechanical or program failures must be reported to the Monitor when signing out.
- All members using any of the plasma cutting machines are expected to help throughout the year to drain and clean machines as needed.
- No old "SAVED JOB FILES" are to be used in SheetCam!
- All Certifications will expire 60 days after a member's last use. Certified Plasma Monitors will be required for your re-certification.

Your signature on this Policy constitutes your acceptance and acknowledgement of the provisions described in this document.

I understand and agree to these provisions:

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Name

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Badge #

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Date