**2025 West Virginia State SkillsUSA Welding Fabrication Competition**

Please review the following guidelines for the West Virginia state competition that will be held on Friday, March 28 at United Technical Center in Clarksburg, WV. Your fab team will be completing a self-feeding rocket stove.

The committee for the event will provide all metal, welding consumables, tests, answer sheets, welders, and oxy-acetylene equipment.

* **PROJECT THEME:**
* Self-feeding stove
* **MATERIAL LIST SUPPLIED BY COMMITTEE:**
* Please refer to the prints for the event for a list and drawings
* **WELDING CONSUMABLES SUPPLIED BY COMMITTEE:**
* .035 Lincoln GMAW Consumable (ER70S-6)
* 3/32" Lincoln Electric E7018 SMAW Electrodes
* **MINIMUM PROJECT REQUIREMENTS:**
* Follow all weld symbols as to SMAW Welds
* Follow all weld symbols as to GMAW Welds
* Follow all notes as to OFC Cuts
* All materials must be utilized for project completion.
* **ITEMS THAT MUST BE SUPPLIED BY TEAMS:**
* All Personal Protective Equipment
* Hearing and/ or ear protection
* Welding helmet with appropriate filter plate/lens and protective cover plate/lens in a flip or slide front. Auto darkening shields are also permissible
* Spare spatter and filter lenses/plates for arc welding helmet and oxy-acetylene goggles or face shield
* Teams may bring their own hand and power tools. (Recommend grinder, square and file at a minimum)
* **ITEMS SUPPLIED BY COMMITTEE TO EACH TEAM:**
* OFC Torch
* All project materials listed on the plans
* Welding Machines
* Lincoln Power Mig 350
* **OTHER INFORMATION:**
* When fabricating, sometimes parts and/or steel pieces are not supplied with the correct dimensions. If the dimensions are different than the print, please notify the judges if materials are not the correct dimensions prior to any material prep. The judges will take that into consideration when judging.

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