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| Contest | Welding Team Fabrication |
| Skill Performance | The skill performance assessment includes:  The completion of a steel project and a demonstration of the ability to weld mild steel in all positions using a variety of filler metals and sizes as well as blueprint reading.  Contestants will build a project from specs provided by the judges on contest day |
| Team/Ind | Team |
| Limits | 3 per school |
| Date/Location/Start Time | February 26; Tuba City HS welding shop 1409; Contest begins at 9:00 AM, ROLL CALL IS AT 9:10  Late contestants will forfeit spots to waitlist students that are ON TIME |
| Attire | Skills USA AZ uniform requirements – See Skills USA AZ website Any contestants not wearing appropriate welding clothing, including work boots, and other safety equipment, will not be allowed to compete.  Contestants may not wear any attire that shows school name. |
| Job Packet | Resume, Cover letters, and Job application. |
| Facilitator Contact | Jenny Pacheco  [Jenny.pacheco@stratatech.com](mailto:Jenny.pacheco@stratatech.com) |
| Supplied by Tech Committee | a. All metal material and some consumables will be provided by N.A.T.I.V.E.  b. All instructions and procedure sheets with drawings |
| Supplied by Contestant | a. Hearing and/or ear protection  b. Welding helmet with appropriate filter plate/lens and protective cover plate/lens in a flip or slide front. Auto darkening shields are permissible  c. Spare spatter and filter lenses/plates for arc welding helmet  d. Metal Fabrication tools  e. Lead pencil and/or ballpoint pen  f. Soap stone with holder  g. Combination square set  h. Extension cords with GFCI  i. 16-ounce (.45 kilogram) ball peen hammer  j. 10-inch (254 millimeters) vise grips  k. 6-inch (152 millimeters) side cutting pliers or diagonal cutting pliers  l. 6-inch (152 millimeters) needle nose pliers  m. Chipping hammer with or without wire brush  n. Stainless steel wire brush  o. Torpedo Level  p Welding Gloves Tig type and/or Stick type  q. 4½ Grinder w/ grinding disks & wire wheel, bring extra disks  r **Generator Welding Machine with SMAW and GMAW set up**  s. Stand for tacking welding project to. (chest high stand)  t. Plasma Arc Cutting Maching |
| Other | There are no spare electrical outlets in the shop or outside. Contestants must provide their own power for auxiliary tools. |