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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 9:10Late contestants will forfeit spots to waitlist students that are ON TIME |
| Attire | Skills USA AZ uniform requirements – See Skills USA AZ websiteAny 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 PachecoJenny.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 protectionb. Welding helmet with appropriate filter plate/lens and protective cover plate/lens in a flip or slide front. Auto darkening shields are permissiblec. Spare spatter and filter lenses/plates for arc welding helmet d. Metal Fabrication toolse. Lead pencil and/or ballpoint penf. Soap stone with holderg. Combination square seth. Extension cords with GFCIi. 16-ounce (.45 kilogram) ball peen hammerj. 10-inch (254 millimeters) vise gripsk. 6-inch (152 millimeters) side cutting pliers or diagonal cutting pliersl. 6-inch (152 millimeters) needle nose pliersm. Chipping hammer with or without wire brushn. Stainless steel wire brusho. Torpedo Levelp Welding Gloves Tig type and/or Stick typeq. 4½ Grinder w/ grinding disks & wire wheel, bring extra disksr **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. |