

WELDING

Superintendent: Lance Unger (249-2413)
4-H Resources: 4-H 573

PROJECT REQUIREMENTS: Exhibitors may choose between Stick or Mig welding. You may exhibit both, but they will be judged separate.

All exhibits will have the following information attached:

For Stick include:

Electrode(s) number
Electrode(s) diameter
Amperage(s) or dial setting
Polarity(s)

For Mig include:

Wire Size
Wire Speed
Dial Setting
Gas Type

For beginning project, only one electrode type/wire size will be used; however, on advanced projects, if more than one was used, then list each separately and include all other information listed above.

BEGINNER:

1. Exhibit a lap weld. The metal size should be 2" wide x 6" long and no more than 1/4" thick. The 6" sides should be welded together.
2. Attach required information label to exhibit.
3. Complete the record sheet.

INTERMEDIATE:

1. Exhibit a or b
 - a. 2 different kinds of welds (choose from: run a bead, lap weld, butt weld, corner weld, or tee weld). The metal size should be 2" wide x 6" long and no more than 1/4" thick.
 - b. Project which meets approval of the project superintendent.
 2. Attach required information label to exhibit.
 3. Complete the record sheet.
- May exhibit in this division no more than two years.

ADVANCED:

1. Exhibit a or b
 - a. 4 different kinds of welds (choose from: run a bead, lap weld, butt weld, corner weld, or tee weld). The metal size should be 2" wide x 6" long and no more than 1/4" thick. The 6" sides should be welded together.
 - b. Project which meets approval of the project superintendent.
2. Attach required information label to exhibit.
3. Complete the record sheet.