

Welding Fab contest

Regionals Stout 2025

Below is the material list for the Regional Welding Fab contest.

This list of materials must be ready and untouched at the start of your proctored time period.

If teams wish to practice, they may order a 2nd or 3rd set of these materials **before** your proctored time period.

Material	Length	Quantity
1" x 1/8" wall square tubing	30'	(a total of 30' It could be 1 @10' and 1@ 20' or other variations)
16-14 gauge cold or hot rolled sheet	18" x18"	1
Material for optional caps (This can only be used for the optional cap on the chair back)	?	?

NOTES:

- Teams are responsible for ordering, paying, and supplying their material according to the above material list. *(proof of payment or order will not be inspected; a local company may donate material if the team makes arrangements)*
- Teams will NOT be allowed more than the list for the official timed event. *(Example: if it says one 30" piece - the team must not have more than 30" of that material laying out when the contest starts - and may not get more if they mess up during the contest time)*
- Teams may build test projects ahead of the proctored event. However, those projects may not be turned in for judging. Only the project built under the proctor's supervision during the official time slot may be used for judging.
- All parts are to be cut manually unless otherwise specified on the print. No CNC
- The team has an option to weld some type of cap on the top of the chair back rails. Materials for this feature do not need to come from the official list.