



TeamWork's Plumbing Skill Check

In addition to the plumbing elements of the project, the plumber will have to complete a "Plumbing Skill Check". This will be graded and is part of the project team score.

The Plumbing Skill Check schedule will be posted during the Orientation Meeting. At the assigned time, the plumber will proceed to the Plumbing Skill Check area. You will stay in this area while performing the skill check. You will cut all pipe and solder your project. Your project will be checked for size and tested for leaks with an air hose while submerged in a bucket of water. Deductions will be made for lack of quality of work, incorrect size, and air leaks.

Competitors are given the following:

1. One ½" copper Type M 60" long (Note to Committee, pipe must be cut to exactly the same length for all teams)
2. 6 pcs ½" 90° Ells wrot
3. 3 pcs ¾ X ¾ X ¾ Tee wrot
4. 1 pc ½ wrot X ½ NFP Female adapter
5. 24" solder

Requirements:

1. Competitors will cut, ream, and clean all pipe and fittings and submit for grading.
2. At final grading, their project will be measured for base dimensions and height of horizontal section.
3. You will attach an air hose fitting to your project.
4. Judge will set your project in a test fixture, if it fits you get points if it does not fit no point are granted.
5. Judge hooks up air hose at 100 PSI and sets project in bucket of water, there should not be any air bubbles from fittings.

