**Technical Drafting**

**MO SkillsUSA 2024**

**Tool List**

**Supplied by the technical committee:**

* Flat table space approximately 24” x 60”
* Chair
* Access to power
	+ Two outlets
* Flash drive to save PDF files of your completed work.
* Paper as needed
* All necessary information and furnishings for judges and technical committees

**Supplied by the competitor:**

* Personal computer, monitor(s), and input devices.
	+ Computers may be obtained from any source.
	+ It is advisable to have active virus-protection software on the competitor’s computer.
	+ Technical drafting software of choice.
		- School-owned computers must be set up to operate the software of choice independent of the school’s network.
	+ A place to save and back up your drawings and PDFs
* Machinery’s Handbook and a maximum of three additional published reference books
	+ Legal PDF copies of textbooks may be allowed if resident to the student’s computer hard drive and approved by the technical committee.
* Battery-operated calculator
	+ This cannot be a cell phone
* Multi-receptacle power strip
	+ If more than 2 outlets are needed
* All competitors must create a one-page resume. See “Resume Requirement” for guidelines.

**Please note – The competitor will be required to plot their completed work to PDF files and save them on the provided flash drive. The judges will score their provided PDFs of the project.**

* The competitor will need to be able to plot PDF’s to different sizes of paper.
* The competitor will need to be able to plot PDF’s to different scales.
	+ The competitor will be required to do this on their own without any help.

**Note:** The setup configuration and the tear-down of all competitor-provided equipment will be the responsibility of the competitor.

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