

Welding Equipment Supplies

For the first day of Welder Foundation your instructor will go over items you will need for the course. Different options for clothing and PPE (Personal Protective Equipment) will be discussed and students can use these recommendations to purchase items as required.

The Following will be needed to be purchased after **advice, the first day of the course:**

1. Full Leather Steel-Toed Boots, high top, not ankle height (CSA Approved). These boots can range in cost from \$120 to \$350 depending on which style/brand.
2. 1 pair of work pants - 100% cotton coveralls/overalls (or treated material specifically designed for welding). These could be work jeans (not frayed/holes and not tight around the ankles), Carhartt, Dickies or other suitable brands. These will range in cost from \$50 to \$180 per pair.
3. Leather gauntlet style welding gloves. These will range in cost from \$10 to \$40 per pair.
4. Welder Foundation Book package. The cost is approximately \$315 and the books are available at the BCIT Bookstore for purchase. **For students who may want to get a head start on reading please purchase the books prior to starting the program. The first book to be studied is the P1 Module-which will have a test at the beginning of the second week.**

The following items will need to be purchased within the first few weeks of the course after **advice:**

1. Full leather welding jacket. These will range in cost from \$100-\$250.
2. Welding helmet. **Non** auto-darkening recommended. These can range in cost from \$30 to \$700.
3. Welders cap. These will range in cost from \$15-\$25.
4. Respirator (recommended). These will range in cost from \$50 to \$500.

The following additional items will need to be purchased as required:

1. Additional pairs of work pants/overalls- to allow for wear and laundering 2-3 pairs for the course duration will most likely be required.
2. Safety Glasses. One pair will be supplied to students. These can range in cost between \$5 and \$50 per pair. Students will most likely need 6-10 pairs over the duration of the course.
3. Additional pairs of welding gloves to allow for wear. Approximately 6-10 for the course.
4. Additional welding caps to allow for laundering. 2-3 caps would be minimum.
5. Respirator cartridges. These will run approximately \$15-\$25 per pair. 2-3 sets may be needed.

Local suppliers include the following:

Barry Hamel Equipment, Air Liquide, Acklands Grainger, KMS Tools, Praxiar, Western Gasco and others.

BCIT Welding Department

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