

WAC 296-17A-5106 Classification 5106.

5106-10 Forging works, tool forging, blacksmithing, or vehicle spring or auto bumper: Manufacturing

Applies to businesses engaged in:

- Forging works by drop or machine forging;
- Tool forging, usually by hot forming or stamping;
- Blacksmithing;
- Vehicle spring or auto bumper manufacturing.

Products manufactured include, but are not limited to:

- Bumpers or leaf springs for vehicles;
- Chains;
- Engine parts;
- Forging tools;
- Hand tools including, but not limited to, wrenches or levels;
- Hooks;
- Small machine tools including, but not limited to, twist drills, chisel bits, dies, or jigs.

Work processes/activities include, but are not limited to:

- Blacksmithing: Hammering of metal heated in a forge to shape with hand tools or with a steam or air hammer;
- Hot forming or stamping: Heating metal in a furnace or hearth, then beating or hammering the heated metal into desired shapes with large drop hammers or rams;
- Drop or machine forging: Forgings are produced by impact or pressure which forces the metal to conform to the shape of the die;
- Trimming with trimmer dies to remove the surplus metal that squeezes out between the two sections of the forging die;
- Welding, grinding, tempering, and sharpening;
- Finishing processes may involve cutting, turning shaping, heat-treating, drilling, milling, grinding, tapping, assembling, polishing, buffing, painting or plating; and
- Manufacture of leaf springs or bumpers: Steel is rolled, sheared or stamped to size, bent to shape and then tempered to produce the required degree of elasticity.

Machinery and equipment used include, but are not limited to:

- Drop or trip hammers;
- Forming presses;
- Furnace or hearth (forge);
- Hand tools;
- Large drop hammers or rams;
- Machine shop equipment;
- Steam or air hammer.

Exclusions:

- Manufacture of wire springs, such as for wire mattresses or bed springs, is classified in 3402.
- Manufacture of tools by machining operations is classified in the applicable metal machining classification.

[Statutory Authority: RCW 51.04.020 and 51.16.035. WSR 22-21-117, § 296-17A-5106, filed 10/18/22, effective 1/1/23. WSR 07-01-014, recodified as § 296-17A-5106, filed 12/8/06, effective 12/8/06. Statutory Authority: RCW 51.16.035. WSR 98-18-042, § 296-17-666, filed 8/28/98, effective 10/1/98; WSR 85-24-032 (Order 85-33), § 296-17-666, filed 11/27/85, effective 1/1/86; WSR 82-24-047 (Order 82-38), § 296-17-666,

filed 11/29/82, effective 1/1/83; Order 73-22, § 296-17-666, filed 11/9/73, effective 1/1/74.]