

WAC 296-17A-3602 Classification 3602.

3602-01 Electrical, telegraph or radio component, telephone set: Manufacture, assembly, or repair

Applies to:

Businesses manufacturing, assembling, or repair of components related to the telegraph, electrical, radio, or telephone industry.

This is a shop or plant only classification.

Repair work is limited to work performed at the shop or plant.

Component parts may be for items such as, but are not limited to:

- Antennae;
- Arrestors;
- Casings;
- Circuit breakers;
- Coils;
- Condensers;
- Dials;
- Electrical control relays;
- Hearing aids;
- Internal components;
- Other parts to accomplish radio, electrical, telegraph, or telephone communication;
- Phones;
- Plugs;
- Radio or television sets;
- Resistors;
- Rheostats;
- Speaker units;
- Switches;
- Transformers.

Materials include, but are not limited to:

- Component parts, usually manufactured by others;
- Metal;
- Plastic;
- Wood for the outside casings and component parts.

Tools include, but are not limited to:

- Air and hand tools;
- Clamps;
- Drill presses;
- Saws;
- Soldering guns.

Occupations include, but are not limited to:

- Engineers;
- Research and laboratory personnel.

Exclusions:

- Worker hours engaged in outside installation or repair are reported separately in the applicable classification.
- Worker hours engaged in the production of metal or other raw materials are reported separately in the applicable classification.
- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-02 Instrument - Scientific, medical, or professional: Manufacturing; magnetic tape: Manufacturing; sound recording equipment: Manufacturing

Applies to:

- Businesses manufacturing instruments used in medical, scientific, or professional applications.
 - Businesses manufacturing magnetic tapes.
 - Businesses manufacturing sound recording equipment.
- This is a shop or plant only classification.
Repair work is limited to work performed at the shop or plant.

Products produced include, but are not limited to:

- Dental or surgical instruments;
- Electrical testing instruments;
- Filters or modulators for processing sounds;
- Generators for producing sounds;
- Instruments measuring sounds;
- Magnetic or tape recorders for storing sounds;
- Microscopes or other scientific testing or research instruments;
- Speakers for reproducing sounds;
- Surveyors' instruments.

Materials include, but are not limited to:

- Clamps;
- Component parts, usually manufactured by others;
- Glass;
- Glue or epoxy;
- Metal;
- Plastic or wood for casings.

Work activities include, but are not limited to:

- Automated assembly;
- Hand assembling;
- Heat treating;
- Inspecting;
- Machining;
- Packaging;
- Stamping;
- Testing.

Tools include, but are not limited to:

- Air or hand tools;
- Drill presses;
- Grinders;
- Shears;
- Soldering guns;
- Welding equipment.

Exclusions:

- Worker hours engaged in outside installation or repair are reported separately in the applicable classification.
- Worker hours engaged in the production of metal or other raw materials are reported separately in the applicable classification.
- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-04 Thermometer and steam gauge: Manufacturing**Applies to:**

Businesses manufacturing thermometers and/or steam gauges.
This is a shop or plant only classification.
Repair work is limited to work performed at the shop or plant.

Products produced include, but are not limited to:

- Thermometers;
- Steam gauges.

Materials include, but are not limited to:

- Glass bulbs;
- Globes;
- Mercury;
- Tubes.

Tools include, but are not limited to:

- Air or hand tools;
- Drill presses;
- Grinders;
- Shears;
- Soldering guns;
- Welding equipment.

Exclusions:

- Manufacturing of metal fixtures equipped with electrical or gas lighting is classified in 3402.
- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification.
- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-05 Dental shops, laboratories, or kiosks

Applies to:

Businesses, or dental laboratories, manufacturing dentures, artificial teeth, braces, and retainers.

This is a shop or plant only classification. Shops may include mall kiosks.

Repair work when specified is limited to work performed at the shop.

Materials include, but are not limited to:

- Castings;
- Light wire forming;
- Plastic or vinyl molding.

Work activities include, but are not limited to:

- Fit patients for dentures;
- Making custom dental molds, such as those used in tooth whitening treatments;
- Making dentures, artificial teeth, braces, and retainers.

Exclusions:

- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification.
- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-06 Jewelry: Manufacturing or engraving; trophy assembly or engraving; musical instrument - Metal: Repair

Applies to:

- Businesses manufacturing or engraving jewelry.
 - Businesses assembling or engraving trophies on a production basis from premanufactured components.
 - Businesses repairing metal musical instruments.
- This is a shop or plant only classification.
Repair work is limited to work performed at the shop or plant.

Products produced include, but are not limited to:

- Bracelets;
- Brooches;
- Cigarette lighters;
- Earrings;
- Necklaces;
- Pins;
- Repaired metal musical instruments;
- Rings;
- Trophies;
- Watchbands.

Materials include, but are not limited to:

- Precious metal;
- Precious stones;
- Solder.

Work activities include, but are not limited to:

- Assembling;
- Brazing;
- Buffing;
- Drilling;
- Engraving by hand, computer, or etching acids;
- Fitting and testing;
- Mixing and melting alloys and metals and pouring the mixture into small casts;
- Polishing;
- Soldering.

Tools include, but are not limited to:

- Computers;
- Drill presses;
- Hand tools;
- Lathes;
- Saws, various types;
- Soldering or brazing guns.

Special note: Classification 3602 is for manufacturers engaged in the mass production of jewelry items, unlike jewelry stores reported in classification 6308 that produce custom, one-of-a-kind pieces on a special order basis.

Trophy stores in classification 6308 may assemble components to make custom trophies, or engrave plaques for the trophies they sell. Assembly and engraving that is incidental to their retail sales operation is included in their store classification.

Exclusions:

- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification.
- Manufacturing watches is classified in 3602-07.
- Repairing of wood musical instruments is classified in 2906.

- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-07 Electronic parts: Assembly; electrical/electronic ignition assembly, cord set, or radio set: Assembly; stereo components: Manufacturing or assembly; watch: Manufacturing

Applies to:

- Businesses assembling of electronic parts, which are usually sold to other manufacturers.
- Businesses manufacturing or assembly of computers and the manufacture of dry cell (flashlight type) batteries.
- Businesses assembling of electrical/electronic ignition assemblies, cord sets, and radio set components.
- Businesses manufacturing or assembly of stereo components, record changers, disc or video players, receivers, and amplifiers.
- Businesses manufacturing of watches and internal clock components.

This is a shop or plant only classification.

Repair work is limited to work performed at the shop or plant.

Products produced include, but are not limited to:

- Amplifiers - Amplifier elements are transistors supplied with the necessary operating voltages;
- Disc/video players;
- Electrical cord set - Electrical cord sets are the portion of wiring that plug into electrical power sources;
- Electrical parts;
- Ignition assembly - An ignition assembly is a switching component that allows an electrical circuit to be completed in order to start a piece of machinery or equipment;
- Internal clock components;
- Radio set - A radio set has an input circuit for tuning in to the frequencies of the various transmitters, the demodulation circuit for separating the audio-frequency from the high-frequency carrier, a low-frequency amplifier stage, and the loudspeaker;
- Receivers;
- Record changers;
- Stereo components;
- Watches - Analog/LED.

Materials include, but are not limited to:

- Baffle plates;
- Chambers;
- Circuit boards;
- Computer chips;
- Drivers;
- Gears;
- Glass;
- Grills;
- Plastic;
- Radio components;
- Resistors;
- Sheet metal;
- Springs;
- Trim/rings;
- Wiring.

Work activities include, but are not limited to:

- Chipping;
- Clipping;
- Riveting or screwing into place;
- Soldering;
- Welding.

Tools include, but are not limited to:

- Automated/robotic assembly lines;
- Drills;
- Electric screw drivers;
- Hot glue guns;
- Riveters;
- Screw drivers;
- Soldering guns;
- Water jets.

Exclusions:

- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification.
- Manufacturing of jewelry is classified in 3602-06.
- Manufacturing of wooden housings or casings for clocks such as grandfather and mantle types is classified in 2905.
- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-10 Camera, video camcorder, motion picture projectors: Manufacturing, assembly, or repair

Applies to:

Businesses manufacturing, assembling, or repairing cameras, video camcorders, and motion picture projectors.

This is a shop or plant only classification.

Repair work is limited to work performed at the shop or plant.

Materials include, but are not limited to:

- Glass;
- Internal components manufactured by others;
- Metals;
- Plastics.

Tools includes, but are not limited to:

- Drill presses;
- Punch presses;
- Soldering guns.

Exclusions:

- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification.
- Activities away from the shop or plant must be reported separately in the applicable classification.

Special note: For rules on assigning and reporting in more than one basic classification, see WAC 296-17-31017 Multiple classifications.

3602-11 Fishing tackle: Manufacturing or assembly; stamped metal goods: Manufacturing

Applies to:

- Businesses manufacturing or assembling fishing tackle.
 - Businesses manufacturing small, stamped, metal goods.
- This is a shop or plant only classification.
Repair work is limited to work performed at the shop or plant.

Products produced include, but are not limited to:

- Artificial bait and similar items;
- Bottle caps;
- Buckles;
- Buttons;
- Clasps;
- Curtain fasteners;
- Fasteners;
- Flies;
- Lures;
- Metal tags;
- Plugs;
- Sinkers;
- Snaps;
- Spinners;
- Spoons;
- Zippers.

Materials include, but are not limited to:

- Beads;
- Feathers;
- Finished fishing tackle;
- Hooks;
- Painting spoons;
- Plug bodies;
- Spoons;
- Swivels;
- Wire.

Work activities include, but are not limited to:

- Automated stamping;
- Cleaning;
- Cutting;
- Forming;
- Hand assembling;
- Lacquering;
- Packaging and shipping;
- Plating;
- Receiving of supplies;
- Researching and developing of new products;
- Testing of products;
- Trimming.

Exclusions:

- Manufacturing of items such as, but not limited to, reels, poles, nets, tackle boxes, knives, melting pots, plastic beads, wooden or plastic plug bodies, hand tools, molds, specialty clothing or protective gear are to be reported separately in the classification applicable to the material and process used to produce the product.
- Workers hours engaged in the production of raw materials are reported separately in the applicable classification.

• Activities away from the shop or plant must be reported separately in the applicable classification.

Special note: Care should be taken when assigning this classification to verify that the product being manufactured is compatible with the manufacturing and assembly processes contemplated within this classification. Most fishing tackle subject to this classification is hand assembled from small component parts.

3602-12 Incandescent lamp or electric tube: Manufacturing

Applies to:

Businesses manufacturing electrical or gas-filled bulbs or tubes.

Products produced include, but are not limited to:

- Cathode-ray tubes;
- Flood lamps;
- Fluorescent tubes;
- Incandescent lamps;
- Neon tubes, attached to metal backings or artistic style;
- Photoflash lamps;
- X-ray tubes.

Materials include, but are not limited to:

- Argon gas;
- Glass bulbs;
- Glass globes;
- Glass tubes;
- Metal bases;
- Nitrogen gas;
- Shellac;
- Tungsten wire.

Work activities include, but are not limited to:

- Bending;
- Blowing air;
- Flushing bulbs/globes with nitrogen;
- Fusing;
- Heating;
- Milling;
- Sealing;
- Searing.

Tools include, but are not limited to:

- Flange machines;
- Stem machines.

Exclusions:

- Manufacturing of metal fixtures equipped with electrical or gas lighting is classified in 3402.
- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification.
- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-23 Electronics products - Resistors, capacitors, chips and relays, transistors: Manufacturing

Applies to:

Businesses manufacturing resistors, capacitors, chips, relays, and transistors.

Products manufactured in this classification are usually mass produced with little human intervention during the production process, which is often done in a vacuum or a nitrogen filled room.

This is a shop or plant only classification.

Repair work is limited to work performed at the shop or plant.

Materials include, but are not limited to:

- Plastics;
- Silicon;
- Wires.

Work activities include, but are not limited to:

- Inspecting;
- Packaging;
- Shipping;
- Soldering.

Tools include, but are not limited to:

- Automated equipment;
- Hand held tools;
- Pliers;
- Soldering guns;
- Wrenches.

Exclusions:

- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification.
- Activities away from the shop or plant must be reported separately in the applicable classification.

3602-27 Electronic circuit board, N.O.C.: Assembly

Applies to:

Businesses assembling electronic circuit boards not covered by another classification (N.O.C.).

This is a shop or plant only classification.

Repair work is limited to work performed at the shop or plant.

Work activities include, but are not limited to:

- Coating;
- Cutting boards;
- Dipping;
- Drilling holes;
- Inspecting;
- Installing;
- Packaging;
- Punching holes;
- Shipping;
- Testing.

Tools include, but are not limited to:

- Assembly lines;
- Automated drills;
- Automated punches;
- Power saws.

Exclusions:

- Worker hours engaged in outside repair are reported separately in the applicable classification.
- Worker hours engaged in the production of raw materials are reported separately in the applicable classification to the production process used.
- Activities away from the shop or plant must be reported separately in the applicable classification.

[Statutory Authority: RCW 51.04.020 and 51.16.035. WSR 23-23-155, § 296-17A-3602, filed 11/21/23, effective 1/1/24; WSR 18-11-113, § 296-17A-3602, filed 5/22/18, effective 7/1/18. Statutory Authority: RCW 51.04.020, 51.16.035, and 51.16.100. WSR 12-11-109, § 296-17A-3602, filed 5/22/12, effective 7/1/12. WSR 07-01-014, recodified as § 296-17A-3602, filed 12/8/06, effective 12/8/06. Statutory Authority: RCW 51.16.035, 51.16.100. WSR 06-12-075, § 296-17-594, filed 6/6/06, effective 1/1/07. Statutory Authority: RCW 51.04.020, 51.16.035, and 51.12.120. WSR 03-23-025, § 296-17-594, filed 11/12/03, effective 1/1/04. Statutory Authority: RCW 51.16.035. WSR 98-18-042, § 296-17-594, filed 8/28/98, effective 10/1/98; WSR 96-12-039, § 296-17-594, filed 5/31/96, effective 7/1/96. Statutory Authority: RCW 51.04.020(1) and 51.16.035. WSR 93-12-093, § 296-17-594, filed 5/31/93, effective 7/1/93. Statutory Authority: RCW 51.16.035. WSR 88-12-050 (Order 88-06), § 296-17-594, filed 5/31/88, effective 7/1/88; WSR 85-24-032 (Order 85-33), § 296-17-594, filed 11/27/85, effective 1/1/86; WSR 85-06-026 (Order 85-7), § 296-17-594, filed 2/28/85, effective 4/1/85; WSR 83-24-017 (Order 83-36), § 296-17-594, filed 11/30/83, effective 1/1/84; WSR 82-24-047 (Order 82-38), § 296-17-594, filed 11/29/82, effective 1/1/83; WSR 81-24-042 (Order 81-30), § 296-17-594, filed 11/30/81, effective 1/1/82; WSR 80-17-016 (Order 80-23), § 296-17-594, filed 11/13/80, effective 1/1/81. Statutory Authority: RCW 51.04.030 and 51.16.035. WSR 79-12-086 (Order 79-18), § 296-17-594, filed 11/30/79, effective 1/1/80; Order 75-38, § 296-17-594, filed 11/24/75, effective 1/1/76; Order 73-22, § 296-17-594, filed 11/9/73, effective 1/1/74.]