

WAC 296-17A-1802 Classification 1802.

1802-00 Aluminum smelting

Applies to:

Businesses engaged in the primary smelting of aluminum from alumina using an electrolytic reduction process.

Work activities include, but are not limited to:

- Extracting alumina from bauxite which is an ore found in the earth's crust; bauxite contains approximately 50 percent aluminum oxide (alumina) together with iron oxide, silica, and titanium oxide;
- Producing pure aluminum oxide;
- Decomposing aluminum from the oxygen by an electrolytic treatment; this process is complex, labor-intensive and power intensive;
- Using an electric current to cause pure aluminum to go to the cathode (part of the smelting structure), which accumulates as a layer floating on the molten salt in a large vat;
- Removing the pure aluminum (99.99 percent);
- Alloying and casting into suitable shapes from molds.

Products manufactured include, but are not limited to:

- Extrusion billets.
- Extrusion logs.
- Notched ingots.
- Pigs.
- Rolling ingots.
- Sheet ingots.
- Sows.
- T-ingots.
- Other primary production shapes when performed by a primary producer subject to this classification.

Exclusions:

- Secondary processors who do not reduce aluminum from alumina, but whose principle business is casting, rolling, extruding, foiling or recycling aluminum alloys from molten aluminum, primary production shapes or used scrap and dross are classified in the applicable classification.
- Ore reduction is classified in 1701.
- Open pit or underground mining operations are classified in the classification applicable to the mining being performed.

[Statutory Authority: RCW 51.04.020 and 51.16.035. WSR 24-23-081, s 296-17A-1802, filed 11/19/24, effective 1/1/25. WSR 07-01-014, recodified as § 296-17A-1802, filed 12/8/06, effective 12/8/06. Statutory Authority: RCW 51.16.035. WSR 98-18-042, § 296-17-55201, filed 8/28/98, effective 10/1/98; WSR 96-12-039, § 296-17-55201, filed 5/31/96, effective 7/1/96; WSR 88-06-047 (Order 87-33), § 296-17-55201, filed 3/1/88.]