

Specific Taxonomy – Aluminium

| Level 1 | Level 2 | Level 3 |
|--------------------|--|--|
| Process Technology | Pre-treatment, preparation and transfer of raw materials | Thawing |
| | | Drying |
| | | Crushing, size reduction and screening |
| | | Blending |
| | | Briquetting, pelletising and other agglomeration methods |
| | | Sintering and calcination |
| | | Fuming |
| | | De-coating and de-oiling |
| | | Leaching and washing procedures |
| | | Separation techniques |
| | | Transfer and charging systems |
| | Production processes (alumina) | Digestion |
| | | Red mud or bauxite residue removal |
| | | Precipitation and calcination |
| | Production processes (anodes for primary aluminium production) | Crushing and screening |
| | | Weighing, mixing and forming |
| | | Fume treatment |
| | Production processes (primary aluminium) | Electrolytic reduction |
| | | Søderberg cells |
| | | Prebaked cells |
| | | Purification |
| | | Scrap melting |
| | | Casting |

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| Process Technology | Production processes (secondary aluminium) | Pre-treatment |
| | | Melting furnace |
| | | Molten metal treatment |
| | | Casting |
| | Salt slag recovery | Full recycling process |
| | | Partial recycling process |
| | Water and waste management | Dry abatement techniques |
| | | Wet air cleaning techniques |
| | | Neutralisation and/or sedimentation |
| | | Weak acid treatment |
| | | Mercury removal |
| | | Granulation of matt, slag and produced metal |
| | | Cooling water |
| | Residue management | Techniques for residues from smelting process |
| | | Techniques for residues from abatement systems |
| | | Techniques for residues from liquid effluent |
| | | Techniques for residues from hydrometallurgical processes |
| | | Techniques for other residues from production of non-ferrous metals |

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| | | Fuming |
| | | De-coating and de-oiling |
| | | Separation techniques |
| | | Transfer and charging systems |
| | Production processes (alumina) | Digestion |
| | Production processes (anodes for primary aluminium production) | Precipitation and calcination |
| | | Crushing and screening |
| | | Weighing, mixing and forming |
| | Production processes (primary aluminium) | Fume treatment |
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