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Policy and Regulation Branch

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| Waste codes |



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# Purpose

This publication forms part of the guidance for industrial wastes regulated under the [Environment Protection Regulations 2021](https://www.legislation.vic.gov.au/as-made/statutory-rules/environment-protection-regulations-2021) (the Regulations) [(](file:///C%3A%5CUsers%5CMihillK%5CDownloads%5C%28)[https://www.legislation.vic.gov.au/as-made/statutory-rules/environment-protectionregulations-2021)](https://www.legislation.vic.gov.au/as-made/statutory-rules/environment-protection-regulations-2021).

From 1 July 2021, all reportable priority waste (RPW) must be tracked in real-time using EPA’s digital tool, [Waste Tracker](https://www.epa.vic.gov.au/for-business/waste/transporting-waste/waste-tracker) [(](https://www.epa.vic.gov.au/for-business/business-forms-permits-online-tools/waste-tracker)https://www.epa.vic.gov.au/for-business/business-forms-permits-online-tools/waste-tracker[)](https://www.epa.vic.gov.au/for-business/business-forms-permits-online-tools/waste-tracker). Only industrial wastes which are classified as RPW need to have a transport permission and be tracked in Waste Tracker.

This publication has been produced to help waste producers, consigners, transporters and receivers to find the codes they need to use in Waste Tracker. The codes are listed in table format including the relevant class labels and emergency information panel required.

The Waste codes, classification and relevant placarding list can be used as a quick reference guide to the [Regulations Schedule 5 – Waste classification (https://www.legislation.vic.gov.au/as-made/statutory-rules/environment-protectionregulations-2021)](https://www.legislation.vic.gov.au/as-made/statutory-rules/environment-protection-regulations-2021) to assist in classifying industrial wastes. This list contains all the industrial waste codes, descriptions and classifications from Schedule 5 of the Regulations.

Under the new laws, anyone who handles RPW must also let EPA know every time it changes hands. Producers, accredited consigners, transporters, drivers and receivers of reportable priority waste must use Waste Tracker to complete transactions. The information required by each waste handler is detailed in the [Regulations Schedule 7 – Reportable priority waste transaction details (https://www.legislation.vic.gov.au/asmade/statutory-rules/environment-protection-regulations-2021)](https://www.legislation.vic.gov.au/as-made/statutory-rules/environment-protection-regulations-2021).

Note that industrial wastes or priority wastes which don’t require use of Waste Tracker may still be classified as dangerous goods under the [Dangerous Goods Act 1985](https://www.legislation.vic.gov.au/in-force/acts/dangerous-goods-act-1985/109). This means there may be separate requirements for transport, such as for waste lithium batteries. You should refer to the relevant legislation for further information.

Refer to the [Dangerous Goods (Transport by Road or Rail) Regulations 2018](https://www.legislation.vic.gov.au/in-force/statutory-rules/dangerous-goods-transport-road-or-rail-regulations-2018/003) [(](https://www.legislation.vic.gov.au/in-force/statutory-rules/dangerous-goods-transport-road-or-rail-regulations-2018/002)[https://www.legislation.vic.gov.au/in](https://www.legislation.vic.gov.au/in-force/statutory-rules/dangerous-goods-transport-road-or-rail-regulations-2018/003)[-force/statutory-rules/dangerous-goods-transportroad-or-rail-regulations-2018/00](https://www.legislation.vic.gov.au/in-force/statutory-rules/dangerous-goods-transport-road-or-rail-regulations-2018/002)3[)](https://www.legislation.vic.gov.au/in-force/statutory-rules/dangerous-goods-transport-road-or-rail-regulations-2018/002) and the [Australian Dangerous Goods Code](http://www.ntc.gov.au/heavy-vehicles/safety/australian-dangerous-goods-code/) (ADG Code) [(www.ntc.gov.au/heavy-vehicles/safety/australian-dangerous-goods-code/)](http://www.ntc.gov.au/heavy-vehicles/safety/australian-dangerous-goods-code/) to decide the relevant UN number, UN class and packing group.

# Waste codes, classification and relevant placarding

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Section | Description of waste | Classification | UN Class or code | 30XY |
| 1  | Cyanides | Cyanide-containing waste resulting from surface treatment of metals and plastics | A100  | RPW  | 6.1  |
| 2  |  | Waste from heat treatment and tempering operations containing cyanides | A110  | RPW  | 6.1  |
| 3  |  | Cyanides (inorganic) | A130  | RPW  | 6.1  |
| 4  | Acids  | Acids in a solid form or acidic solutions with pH value 4 or less | B100  | RPW  | 8  |
| 5  | Alkaline wastes  | Alkaline solids or alkaline solutions with pH value of 10 or more, including caustic soda, alkaline cleaners and waste lime  | C100  | RPW  | 8  |
| 6  | Inorganic chemicals  | Metal carbonyls | D100  | RPW  | 6.1  |
| 7  |  | Inorganic fluorine compounds, excluding calcium fluoride | D110  | RPW  | 6  |
| 8  |  | Mercury and mercury compounds | D120  | RPW  | 6.1 or 8 \*  |
| 9  |  | Arsenic and arsenic compounds | D130  | RPW  | 6.1  |
| 10  |  | Chromium compounds including hexavalent and trivalent | D140  | RPW  | 6.1  |
| 11  |  | Cadmium and cadmium compounds | D150  | RPW  | 6.1  |
| 12  |  | Beryllium and beryllium compounds | D160  | RPW  | 6.1  |
| 13  |  | Antimony and antimony compounds | D170  | RPW  | 6.1  |
| 14  |  | Thallium and thallium compounds | D180  | RPW  | 6.1  |
| 15  |  | Copper compounds | D190  | RPW  | \*  |
| 16  |  | Cobalt and cobalt compounds | D200  | RPW  | \*  |
| 17  |  | Nickel compounds | D210  | RPW  | \*  |
| 18  |  | Lead and lead-based compounds | D220  | RPW  | 6.1  |
| 19  |  | Zinc compounds | D230  | RPW  | \*  |
| 20  |  | Selenium and selenium compounds | D240  | RPW  | \*  |
| 21  |  | Tellurium and tellurium compounds | D250  | RPW  | \*  |
| 22  |  | Vanadium compounds | D270  | RPW  | \*  |
| 23  |  | Barium compounds (excluding barium sulfate) | D290  | RPW  | \*  |
| 24  |  | Non-toxic salts including sodium chloride, calcium chloride | D300  | RPW  | 30XY  |
| 25  |  | Boron compounds | D310  | RPW  | \*  |
| 26  |  | Inorganic sulfides | D330  | RPW  | \*  |
| 27  |  | Perchlorates | D340  | RPW  | \*  |
| 28  |  | Chlorates | D350  | RPW  | \*  |
| 29  |  | Phosphorus compounds excluding mineral phosphates | D360  | RPW  | \*  |
| 30  |  | Inorganic chemicals not otherwise specified in items 6 to 29 or 31 of this table | D390  | RPW  | 6.1  |
| 31  |  | Smelter waste containing hazardous substances | D400  | RPW  | 9  |
| 32  | Reactive Chemicals  | Oxidising agents (including peroxides) | E100  | RPW  | 5.1  |
| 33  | Paints, lacquers, varnish, resins, inks, dyes, pigments, adhesives  | Aqueous-based wastes from the production, formulation and use of paints, lacquers, varnish, inks, dyes and pigments | F100  | RPW  | 9  |
| 34  |  | Aqueous-based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives | F110  | RPW  | 9  |
| 35  |  | Solvent-based wastes from the production, formulation and use of paints, lacquers, varnish, inks, dyes and pigments | F120  | RPW  | 9  |
| 36  |  | Solvent-based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives | F130  | RPW  | 9  |
| 37  | Organic Solvents  | Ethers and highly flammable hydrocarbons, including petrol and jet fuel | G100  | RPW  | 3  |
| 38  |  | Organic solvents excluding halogenated solvents | G110  | RPW  | 6.1  |
| 39  |  | Halogenated organic solvents | G150  | RPW  | 6.1  |
| 40  |  | Wastes from the production, formulation and use of organic solvents, not otherwise specified in items 37 to 39 of this table | G160  | RPW  | \*  |
| 41  | Pesticides including herbicides and insecticides  | Waste from the production, formulation and use of biocides, fungicides and phytopharmaceuticals, not otherwise specified in items 42 to 44 of this table | H100  | RPW  | 6.1  |
| 42  |  | Organophosphorus pesticides | H110  | RPW  | 6.1  |
| 43  |  | Organo-chlorine pesticides | H120  | RPW  | 6.1  |
| 44  |  | Waste from manufacture, formulation and use of wood-preserving chemicals | H170  | RPW  | 6.1  |
| 45  | Oils, hydrocarbons and emulsions  | Waste oils, hydrocarbons, emulsions and transformer fluids excluding polychlorinated biphenyls | J100  | RPW  | 9 or 30XY \*  |
| 46  |  | Waste oil/water, hydrocarbons/ water mixtures or emulsions | J120  | RPW  | 30XY  |
| 47  |  | Triple interceptor waste and stormwater contaminated with oil or hydrocarbon | J130  | RPW  | 30XY  |
| 48  |  | Waste tarry residues arising from refining, distillation, and any pyrolytic treatment | J160  | RPW  | 9  |
| 49  |  | Used oil filters | J170  | RPW  | 30XY  |
| 50  | Putrescible/organic wastes  | Animal effluent and residues, including abattoir wastes and other wastes from animal processing | K100  | RPW  | 30XY  |
| 51  |  | Grease trap waste | K110  | RPW  | 30XY  |
| 52  |  | Tannery wastes (not containing chromium) | K140  | RPW  | 9  |
| 53  |  | Wool scouring wastes | K190  | RPW  | 9  |
| 54  |  | Liquid organic wastes including commercial food, not containing other priority wastes listed in items 50 to 53 or 55 to 63 of this table | K200  | Priority waste  |   |
| 55  |  | Solid commercial food wastes, not otherwise specified in this schedule | K210  | Industrial waste  |   |
| 56  |  | Manures including any mixture of manure and biodegradable animal bedding such as straw | K220  | Industrial waste  |   |
| 57  |  | Processed solid organic waste, including unpasteurised or otherwise contaminated material  | K230  | Priority waste  |   |
| 58  |  | Commercial garden and landscaping organics that does not contain any physical or chemical contamination | K300  | Industrial waste  |   |
| 59  |  | Timber treated with hazardous substances, including sawdust | K310 – H  | Priority waste  |   |
| 60  |  | Untreated timber, including sawdust | K310 – NH  | Industrial waste  |   |
| 61  |  | Treated sewage solids and sludge that does not meet the permit conditions in the permit in relation to item 23 (A15—Biosolids supply or use) in the table in Schedule 1 | K400 - H  | RPW  | 30XY  |
| 62  |  | Biosolids that meet the permit conditions in the permit in relation to item 23 (A15—Biosolids supply or use) in the table in Schedule 1 | K400 - NH  | Priority waste  |   |
| 63  |  | Septic tank waste | K410  | Priority waste  |   |
| 64  | Industrial wash waters and wastewaters  | Car and truck wash waters | L100  | RPW  | 30XY  |
| 65  |  | Industrial wastewater (excluding sewage) not otherwise specified in this schedule | L200 – H | RPW  | 30XY  |
| 66  |  | Industrial wastewaters (excluding sewage) which meets conditions relating to wastewater reuse in a permission | L200 - NH  | Priority waste  |   |
| 67  | Organic chemicals  | Solvents, oils and materials contaminated with poly- chlorinated biphenyls at a concentration of 50 mg per kg or greater | M100  | RPW  | 9  |
| 68  |  | Solvents, oils and materials contaminated with polychlorinated biphenyls at a concentration greater than 2 mg per kilogram and up to 50 mg per kilogram | M120  | RPW  | 9  |
| 69  |  | Non-halogenated, nonsolvent organic chemicals, not otherwise specified in this schedule | M130  | RPW  | 6.1  |
| 70  |  | Phenols, phenol compounds including chlorophenols | M150  | RPW  | 6.1  |
| 71  |  | Organo halogen compounds—other than substances referred to in this table | M160  | RPW  | 6.1  |
| 72  |  | Polychlorinated dibenzofuran (any congener) | M170  | RPW  | 6.1  |
| 73  |  | Poly-chlorinated dibenzop-dioxin (any congener) | M180  | RPW  | 6.1  |
| 74  | Cyanides  | Cyanides (organic) | M210  | RPW  | \*  |
| 75  | Organic chemicals  | Isocyanate compounds | M220  | RPW  | 6.1  |
| 76  |  | Amines and other nitrogen compounds | M230  | RPW  | \*  |
| 77  |  | Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials | M250  | RPW  | 9  |
| 78  |  | Highly odorous organic chemicals (including mercaptans and acrylates) | M260  | RPW  | 9  |
| 79  |  | Per- and poly-fluoroalkyl substances (PFAS) contaminated materials, including soil and waste PFAS-containing products and contaminated containers | M270  | RPW  | 9  |
| 80  | Solid and sludge wastes requiring special handling  | Rigid steel or plastic containers with an original volume less than 200 litres contaminated with RPW (transport) | N100  | RPW  | \*  |
| 81  |  | Rigid steel or plastic containers with an original volume equal to or greater than 200 litres contaminated with RPW (transport) | N105  | RPW  | \*  |
| 82  |  | Bags or containers contaminated with RPW (transport) not covered by the description of waste for items 80 and 81 of this table | N110  | RPW  | \*  |
| 83  |  | Soil that has contaminant concentrations exceeding the upper limits for fill material contaminant concentrations specified in the [Waste Disposal Categories – Characteristics and Thresholds](https://www.epa.vic.gov.au/about-epa/publications/1828-3-waste-disposal-categories)or contains asbestos | N120  | RPW  | 9  |
| 84  |  | Excavated material or engineered fill including fill material, other than item 83 or 85 of this table | N122  | Industrial waste  |   |
| 85  |  | Waste Acid Sulfate Soil (Actual Acid Sulfate Soil and Potential Acid Sulfate Soil), other than item 83 of this table | N123  | Priority waste  |   |
| 86  |  | Spent catalysts not otherwise specified in this schedule | N130  | RPW  | \*  |
| 87  |  | Fire debris and fire wash waters excluding anything covered under item 79 of this table | N140  | RPW  | 9  |
| 88  |  | Fly ash | N150  | RPW  | \*  |
| 89  |  | Encapsulated, chemically fixed, solidified or polymerised hazardous wastes | N160  | RPW  | 9  |
| 90  |  | Filter cake contaminated with residues of hazardous substances | N190  | RPW  | \*  |
| 91  |  | Residues from industrial waste treatment/disposal operations, including digestate, bottom ash and char | N205  | RPW  | \*  |
| 92  |  | Residue from pollution control operations, including baghouse dust and activated carbon | N210  | RPW  | \*  |
| 93  |  | Waste asbestos | N220  | RPW  | 9  |
| 94  |  | Ceramic-based fibres with physico-chemical characteristics similar to those of asbestos | N230  | RPW  | 9  |
| 95  |  | Absorbents contaminated with residues of hazardous substances | N250  | RPW  | 9  |
| 96  | Clinical and pharmaceutical wastes  | Clinical and related wastes, including biomedical waste, not otherwise specified in items 97, 98 or 99 of this table | R100  | RPW  | 6.2  |
| 97  |  | Waste from the use of pharmaceutical products, not otherwise specified in items 96, 98 or 99 of this table | R120  | RPW  | 6.1  |
| 98  |  | Cytotoxic substances  | R130  | RPW  | 6.1  |
| 99  |  | Waste from the production of pharmaceutical products and cosmetics, not otherwise specified in items 96, 97 or 98 of this table | R140  | RPW  | \*  |
| 100  | Miscellaneous  | Waste chemical substances arising from laboratories, research and development, or teaching activities | T100  | RPW  | \*  |
| 101  |  | Waste from the production, formulation and use of photographic chemicals and processing materials not otherwise specified in items 100 or 102 to 112 of this table | T120  | RPW  | 9  |
| 102  |  | Sludges or slurries, including drilling muds, containing hazardous substances | T130 - H  | RPW  | 30XY  |
| 103  |  | Sludges or slurries, including drilling muds, other than those specified in item 102 of this table | T130 - NH  | Priority waste  |   |
| 104  |  | Tyres, including tyre pieces greater than 250 millimetres in size measured in any dimension | T140  | RPW (transaction tracking only)  |   |
| 105  |  | Tyre pieces less than 250 millimetres in size measured in any dimension | T141  | RPW (transaction tracking only)  |   |
| 106  |  | Household chemicals consolidated as part of a Victorian government program | T170  | RPW  | \*  |
| 107  |  | Waste of an explosive nature not subject to other legislation | T200  | RPW  | \*  |
| 108  |  | E-waste  | T300  | Priority waste  |   |
| 109  |  | Shredder floc (wastes from shredding of metal-containing wastes) | T320  | Priority waste  |   |
| 110  |  | End-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance | T325  | Industrial waste  |   |
| 111  |  | Leachate from waste treatment/disposal operations  | T330  | RPW  | \*  |
| 112  |  | Quarantine and biosecurity waste | T340  | RPW  | \*  |
| 113  | Leather and textiles, rubber excluding tyres  | Textiles  | X100  | Industrial waste  |   |
| 114  |  | Leather and rubber, other than tyres | X200  | Industrial waste  |   |
| 115  | Masonry materials  | Concrete  | Y100  | Industrial waste  |   |
| 116  |  | Bricks  | Y110  | Industrial waste  |   |
| 117  |  | Rubble (including foundry sands without hazardous substances) | Y120  | Industrial waste  |   |
| 118  |  | Plasterboard and cement sheeting | Y130  | Industrial waste  |   |
| 119  |  | Asphalt  | Y140  | Industrial waste  |   |
| 120  | Glass  | Glass  | Z100  | Industrial waste  |   |
| 121  | Metals  | Steel  | Z300  | Industrial waste  |   |
| 122  |  | Aluminium  | Z310  | Industrial waste  |   |
| 123  |  | Non-ferrous metals, other than Aluminium | Z320  | Industrial waste  |   |
| 124  | Paper and cardboard  | Cardboard  | Z400  | Industrial waste  |   |
| 125  |  | Liquid paperboard | Z410  | Industrial waste  |   |
| 126  |  | Newsprint and magazines | Z420  | Industrial waste  |   |
| 127  |  | Office paper | Z430  | Industrial waste  |   |
| 128  | Plastic  | Plastics, PIC #1 through #7 | Z500  | Industrial waste  |   |

**Key:**

RPW = Reportable Priority Waste

\* = a specific UN class does not exist and so the most appropriate UN class must be determined in accordance with the ADG Code.

## Contaminant codes

Waste transaction tracking requires up to four contaminants to be identified, where applicable. List contaminants in order of potential hazard.

|  |  |
| --- | --- |
| Contaminant description | Code |
| Polychlorinated biphenyl and related compounds | 1 |
| Halogenated hydrocarbons NOS | 2 |
| Mercury and mercuric compounds | 3 |
| Chromium and chromium compounds | 4 |
| Arsenic and arsenic compounds | 5 |
| Cadmium and cadmium compounds | 6 |
| Boron compounds | 7 |
| Inorganic cyanides | 8 |
| Mercaptans, methacrylates and sulfides | 9 |
| Lead compounds | 10 |
| Copper compounds  | 11 |
| Zinc compounds | 12 |
| Nickel compounds | 13 |
| Silver compounds | 14 |
| Vanadium compounds | 15 |
| Cobalt compounds | 16 |
| Fluoride compounds NOS | 17 |
| Acidic solutions | 18 |
| Basic solutions | 19 |
| Asbestos  | 20 |
| Peroxides  | 21 |
| Perchlorates  | 22 |
| Isocyanates and thiocyanates | 23 |
| Phenols  | 24 |
| Organic solvents, excluding halogenated solvents | 25 |
| Aromatic compounds NOS | 26 |
| Beryllium and beryllium compounds | 27 |
|
| Selenium and selenium compounds | 28 |
| Tin compounds | 29 |
| Antimony and antimony compounds | 30 |
| Tellurium and tellurium compounds | 31 |
| Barium and barium compounds | 32 |
| Thallium and thallium compounds | 33 |
| Inorganic sulfides | 34 |
| Inorganic fluoride compounds | 35 |
| Organic cyanides | 36 |
| Alkaline or alkaline earth metals  | 37 |
| Inorganic phosphorus compounds | 38 |
| Metal carbonyls | 39 |
| Chlorates  | 40 |
| Azides  | 41 |
| Pharmaceutical or veterinary compounds | 42 |
| Biocides and phytopharmaceutical substances NOS | 43 |
| Creosotes  | 44 |
| Organic phosphorus compounds | 45 |
| Ethers  | 46 |
| Organic nitrogen compounds, especially aliphatic amines | 47 |
| Organic nitrogen compounds, especially aromatic amines | 48 |
| Explosives  | 49 |
| Sulfur organic compounds NOS | 50 |
| Any congenor of polychlorinated dibenzo-furan | 51 |
| Any congenor of polychlorinated dibenzo-p-dioxin | 52 |
| Hydrocarbons and its oxygen nitrogen or sulfur compounds NOS | 53 |
| Halogenated organic solvents NOS  | 54 |
| Molybdenum and molybdenum compounds | 55 |
| Organochlorine pesticides | 56 |
| Phenoxyacetic acid herbicides (including 2,4-D) | 57 |
| Phthalates  | 58 |
| Ethylene diamine tetra acetic acid (EDTA) | 59 |
| Nitrogen compounds, including nitrates and nitrites | 60 |
| Chloride  | 61 |
| Iodide  | 62 |
| Polybrominated compounds  | 63 |
| Benzene  | 64 |
| Benzo(a)pyrene  | 65 |
| C6-C9 petroleum hydrocarbons  | 66 |
| C10-C36 petroleum hydrocarbons | 67 |
| Carbon tetrachloride | 68 |
| Chlorobenzene  | 69 |
| Chloroform  | 70 |
| Chlorophenol  | 71 |
| Cresol  | 72 |
| Dichlorobenzene  | 73 |
| Dichloromethane  | 74 |
| Dichlorophenol  | 75 |
| Dinitrotoluene  | 76 |
| Ethylbenzene  | 77 |
| Formaldehyde  | 78 |
| Hexachlorobutadiene  | 79 |
| Methyl ethyl ketone | 80 |
| Nitrobenzene  | 81 |
| PAH NOS  | 82 |
| Styrene  | 83 |
| Tetrachloroethane  | 84 |
| Toluene  | 85 |
| Trichlorobenzene  | 86 |
| Trichloroethane  | 87 |
| Trichlorophenol  | 88 |
| Vinyl chloride  | 89 |
| Xylenes  | 90 |
| Per- and polyfluoroalkyl substances  (PFAS) | 91 |

**Key:**

NOS = not otherwise specified

# Waste origin codes

The waste origin codes are an abbreviated list of the ANZSIC (Australian and New Zealand Standard Industrial Classification) codes. **This is not a complete list.** If your industry isn’t represented here, see the [ABS website (https://www.ato.gov.au/Calculatorsand-tools/Business-industry-code-tool/AnzsicCoder.aspx)](https://www.ato.gov.au/Calculators-and-tools/Business-industry-code-tool/AnzsicCoder.aspx) for the [full list of codes (https://www.abs.gov.au/ausstats/abs@.nsf/0/20C5B5A4F46DF95BCA25711F00146D75?op endocument)](https://www.abs.gov.au/ausstats/abs%40.nsf/0/20C5B5A4F46DF95BCA25711F00146D75?opendocument).

Waste producers must identify the waste’s industry of origin and select the most relevant code.

|  |  |
| --- | --- |
| Industry from which waste originates  | Waste origin code  |
| Agriculture, forestry and fishing  |  |
| Nursery production (under cover) | 0111 |
| Nursery production (outdoors) | 0112 |
| Mushroom growing | 0121 |
| Oil and gas extraction  |  |
| Oil and gas extraction | 0700 |
| Metal Ore Mining  |  |
| Iron ore mining | 0801 |
| Bauxite mining | 0802 |
| Copper ore mining | 0803 |
| Gold ore mining | 0804 |
| Silver-lead-zinc ore mining | 0807 |
| Other metal-ore mining | 0809 |
| Exploration  |  |
| Petroleum exploration | 1011 |
| Other mining support services | 1090 |
| Food Product Manufacturing  |  |
| Meat processing | 1111 |
| Poultry processing | 1112 |
| Seafood processing | 1120  |
| Milk and cream processing | 1131  |
| Ice cream manufacturing | 1132  |
| Cheese and other dairy product manufacturing | 1133  |
| Fruit and vegetable processing | 1140  |
| Oil and fat manufacturing | 1150  |
| Beverage and tobacco product manufacturing  |  |
| Soft drink, cordial and syrup manufacturing | 1211  |
| Beer manufacturing | 1212  |
| Spirit manufacturing | 1213  |
| Cigarette and tobacco manufacturing | 1220  |
| Textile, leather, clothing and footwear manufacturing  |  |
| Wool scouring | 1311  |
| Natural textile manufacturing | 1312  |
| Synthetic textile manufacturing | 1313  |
| Leather tanning, fur dressing and leather product manufacturing | 1320  |
| Textile finishing and other textile product manufacturing | 1334  |
| Wood product manufacturing  |  |
| Timber resawing and dressing | 1413  |
| Pulp, paper and paperboard manufacturing | 1510  |
| Printing  | 1611  |
| Petroleum and coal product manufacturing  |  |
| Petroleum refining and petroleum fuel manufacturing | 1701  |
| Other petroleum and coal product manufacturing | 1709  |
| Basic chemical and chemical product manufacturing  |  |
| Industrial gas manufacturing | 1811  |
| Basic organic chemical manufacturing | 1812  |
| Basic inorganic chemical manufacturing | 1813  |
| Synthetic resin and synthetic rubber manufacturing | 1821  |
| Other basic polymer manufacturing  | 1829  |
| Fertiliser manufacturing | 1831  |
| Pesticide manufacturing | 1832  |
| Human pharmaceutical and medicinal product manufacturing | 1841  |
| Veterinary pharmaceutical and medicinal product manufacturing | 1842  |
| Cleaning compound manufacturing  | 1851  |
| Cosmetic and toiletry preparation manufacturing | 1852  |
| Photographic chemical product manufacturing | 1891  |
| Explosive manufacturing | 1892  |
| Other basic chemical product manufacturing, NOS | 1899  |
| Polymer product and rubber product manufacturing  |  |
| Polymer film and sheet packaging material manufacturing | 1911  |
| Rigid and semi-rigid polymer product manufacturing | 1912  |
| Polymer foam product manufacturing | 1913  |
| Tyre manufacturing | 1914  |
| Adhesive manufacturing | 1915  |
| Paint and coatings manufacturing  | 1916  |
| Other polymer product manufacturing, NOS | 1919  |
| Natural rubber product manufacturing | 1920  |
| Non-metallic mineral product manufacturing  |  |
| Glass and glass product manufacturing | 2010  |
| Clay brick manufacturing | 2021  |
| Other ceramic product manufacturing | 2029  |
| Cement and lime manufacturing | 2031  |
| Plaster product manufacturing | 2032  |
| Ready-mixed concrete manufacturing | 2033  |
| Concrete product manufacturing | 2034  |
| Other non-metallic mineral product manufacturing | 2090  |
| Primary metal and metal product manufacturing  |  |
| Iron smelting and steel manufacturing | 2110  |
| Iron and steel casting | 2121  |
| Steel pipe and tube manufacturing  | 2122  |
| Alumina production | 2131  |
| Aluminium smelting | 2132  |
| Copper, silver, lead and zinc smelting and refining | 2133  |
| Other basic non-ferrous metal manufacturing | 2139  |
| Non-ferrous metal casting | 2141  |
| Aluminium rolling, drawing, extruding | 2142  |
| Other basic non-ferrous metal product manufacturing  | 2149  |
| Fabricated metal product manufacturing  |  |
| Iron and steel forging | 2210  |
| Structural steel fabricating | 2221  |
| Architectural aluminium product manufacturing | 2223  |
| Metal roof and guttering manufacturing (except aluminium) | 2224  |
| Sheet metal product manufacturing (except metal structural and container products) | 2240  |
| Spring and wire product manufacturing | 2291  |
| Nut, bolt, screw and rivet manufacturing | 2292  |
| Metal coating and finishing | 2293  |
| Other fabricated metal product manufacturing NOS | 2299  |
| Transport equipment manufacturing  |  |
| Motor vehicle manufacturing | 2311  |
| Motor vehicle body and trailer manufacturing | 2312  |
| Automotive electrical component manufacturing | 2313  |
| Other motor vehicle parts manufacturing | 2319  |
| Shipbuilding and repair services | 2391  |
| Machinery and equipment manufacturing  |  |
| Photographic, optical and ophthalmic equipment manufacturing | 2411  |
| Medical and surgical equipment manufacturing | 2412  |
| Computer and electronic office equipment manufacturing  | 2421  |
| Electric cable and wire manufacturing | 2431  |
| Whiteware appliance manufacturing | 2441  |
| Furniture and other manufacturing  |  |
| Wooden furniture and upholstered seat manufacturing | 2511  |
| Jewellery and silverware manufacturing | 2591  |
| Electricity, Gas, Water and Waste services  |  |
| Fossil fuel electricity generation | 2611  |
| Gas supply | 2700  |
| Water supply | 2811  |
| Sewerage and drainage services | 2812  |
| Waste collection, treatment and disposal services  |  |
| Solid waste collection services | 2911  |
| Other waste collection services | 2919  |
| Waste treatment and disposal services | 2921  |
| Waste remediation and materials recovery services | 2922  |
| Construction  |  |
| House construction | 3011  |
| Non-residential building construction | 3020  |
| Road and bridge construction | 3101  |
| Other heavy and civil engineering construction | 3109  |
| Land development and subdivision | 3211  |
| Site preparation services | 3212  |
| Landscape construction services | 3291  |
| Wholesale trade  |  |
| Petroleum product wholesaling | 3321  |
| Industrial and agricultural chemical product wholesaling | 3323  |
| Retail trade  |  |
| Car retailing | 3911  |
| Motor vehicle parts retailing | 3921  |
| Fuel retailing | 4000  |
| Supermarket and grocery stores | 4110  |
| Fresh meat, fish and poultry retailing | 4121  |
| Accommodation, cafes and restaurants  |  |
| Cafes and restaurants | 4511  |
| Takeaway food services | 4512  |
| Catering services | 4513  |
| Pubs, taverns and bars | 4520  |
| Transport and Storage  |  |
| Port and water transport terminal operation | 5212  |
| Airport operation and other air transport support services  | 5220  |
| Telecommunication services  |  |
| Wired telecommunications network operation | 5801  |
| Other telecommunications network operation | 5802  |
| Professional scientific and technical services  |  |
| Scientific research services | 6910  |
| Veterinary services | 6970  |
| Public administration  |  |
| Central government administration | 7510  |
| State government administration  | 7520  |
| Local government administration  | 7530  |
| Defence  | 7600  |
| Fire protection and other emergency services | 7713  |
| Education and healthcare  |  |
| Preschool education | 8010  |
| Secondary education  | 8022  |
| Higher education | 8102  |
| Healthcare and social assistance  |  |
| Hospitals (except psychiatric hospitals) | 8401  |
| General practice medical services  | 8511  |
| Specialist medical services | 8512  |
| Pathology and diagnostic imaging services | 8520  |
| Dental services | 8531  |
| Ambulance services | 8591  |
| Aged care residential services | 8601  |
| Other residential care services | 8609  |
| Other services  |  |
| Automotive electrical services | 9411  |
| Automotive body, paint and interior repair | 9412  |
| Other automotive repair and maintenance | 9419  |
| Domestic appliance repair and maintenance | 9421  |
| Electronic (except domestic appliance) and precision equipment repair | 9422  |
| Other machinery and equipment repair and maintenance | 9429  |
| Personal and other services  |  |
| Laundry and dry-cleaning service | 9531  |
| Photographic film processing | 9532  |

**Key:** NOS = not otherwise specified

# Treatment or disposal codes

Waste receivers must identify the most relevant type of treatment or disposal option intended at the receiving place or premises.

Approved treatment or disposal options are included in the EPA permission issued to the waste facility.

## Operations that don’t lead to the possibility of resource recovery, recycling, reclamation, direct reuse or alternative uses

|  |  |
| --- | --- |
| Code | Description  |
| D1  | Landfill disposal of Category C waste |
| D2  | Land farming |
| D3  | Deep-well injection |
| D4  | Surface impoundment |
| D5  | Landfill disposal of Category B waste |
| D6  | Release into a water body, except seas or oceans |
| D7  | Release into seas or oceans |
| D8  | Biological treatment not otherwise specified in this table |
| D9A  | Treatment and immobilisation or immobilisation only |
| D9B  | Chemical treatment and solidification or solidification only |
| D9C  | Physical treatment not otherwise specified in this table |
| D9D  | Thermal treatment to remove contaminants |
| D9E  | Chemical treatment |
| D10  | Incineration on land |
| D11  | Incineration at sea |
| D12  | Permanent storage |
| D13  | Blending, mixing or diluting prior to any permissioned activity |
| D14  | Repackaging prior to any permissioned activity |
| D15  | Storage pending any permissioned activity |
| D16  | Temporary storage |
| D17  | Storage  |
| D18  | Landfill disposal of Category D soil |
| D19  | Landfill disposal of soil with asbestos only |
| D20  | Landfill disposal of packaged waste asbestos |
| D21  | Containment of Category D soil |
| D22  | Landfill disposal |

## Operations that may lead to resource recovery, recycling, reclamation, direct reuse or alternative uses

|  |  |
| --- | --- |
| Code  | Description  |
| R1  | Use as a fuel (other than direct incineration) or blending for use as a fuel |
| R2  | Solvent reclamation/regeneration |
| R3  | Recycling/reclamation of organic waste materials which are not used as solvents |
| R4  | Recycling/reclamation of metals and metal compounds |
| R5  | Recycling/reclamation of other inorganic materials |
| R6  | Regeneration of acids or bases |
| R7  | Recovery of components used for pollution abatement |
| R8  | Recovery of components from catalysts |
| R9  | Used-oil refining or other re-uses of previously used oil |
| R10  | Land treatment resulting in benefit to agriculture or ecological improvements |
| R11  | Use of residual materials obtained from any permissioned activity |
| R12  | Exchange of wastes for submission to any permissioned activity |
| R13  | Accumulation of material intended for any permissioned activity |
| R14  | Recycling/reconditioning/laundering of steel drums or plastic containers |
| R15  | Recycling/reclamation of soils |
| R16  | Composting |
| R17  | Bioremediation  |
| R18  | Storage pending resource recovery or off-site transfer or disposal |
| R19  | Recycling/reclamation |

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