

Appendix C

Waste Sources



Group Category	Waste Code NSW	Waste Code Description	Waste Types
A: Plating & Heat Treatment	A100	Waste resulting from the surface treatment of metals and plastics	Waste from surface treatment of metals and plastics
	A110	Waste from heat treatment and tempering processes which use cyanide	Waste from heat treatment and tempering processes which use cyanide
	A130	Inorganic cyanide	Complex cyanides (inorganic) Inorganic isocyanates, Other cyanides (inorganic)
B: Acids	B100	Acidic solutions or acids in solid form	Chromic acid
			Glacial acetic acid
			Hydrochloric acid
			Hydrofluoric acid
			Mineral acids
			Mixed acids (inorganic)
			Nitric acid
			Phosphoric acid
			Pickle liquor
			Sulfuric acid
			Sulfuric/hydrochloric acid mixtures
			Other acids
C: Bases	C100	Basic (alkaline) solutions or bases (alkalis) in solid form	Alkaline cleaners
			Ammonia
			Ammonium hydroxide
			Calcium hydroxide
			Caustic soda
			Lime
			Potash
			Other alkaline waste
D: Inorganic Chemicals	D100	Metal carbonyls	Iron pentacarbonyl , Nickel carbonyl
	D110	Inorganic fluorine compounds excluding calcium fluoride	Inorganic fluoride wastes often result from industrial processes such as steel manufacture, primary aluminium, copper and nickel production, phosphate fertiliser production and brick and ceramic manufacture
			Sodium fluoride
	D120	Mercury; mercury compounds	Mercury and mercury compounds
			Phenyl mercuric acid (PMA)

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			Mercury impregnated activated carbon
			Phenyl mercuric chloride (PMC)
			Quicksilver
	D130	Arsenic; arsenic compounds	Arsenic and arsenic compounds
			Arsenic Trioxide
	D140	Chromium compounds (hexavalent and trivalent)	Hexavalent and trivalent chromium wastes
	D150	Cadmium; cadmium compounds	Cadmium and cadmium compounds
	D160	Beryllium; beryllium compounds	Beryllium and beryllium compounds
	D170	Antimony; antimony compounds	Antimony and antimony compounds
	D180	Thallium; thallium compounds	Thallium and thallium compounds
	D190	Copper compounds	Bluestone (copper sulphate) • Copper compounds (excluding copper fungicides)
	D200	Cobalt compounds	Cobalt compounds
	D210	Nickel compounds	Nickel compounds • Spent catalysts (nickel)
	D220	Lead; lead compounds	Grit blast waste • Lead wastes • Used fire assay cupels
	D230	Zinc compounds	Zinc compounds
	D240	Selenium; selenium compounds	Selenium and selenium compounds
	D250	Tellurium; tellurium compounds	Tellurium and tellurium compounds
	D270	Vanadium compounds	Spent catalysts • Vanadium compounds
	D290	Barium compounds (excluding barium sulphate)	Barium and barium compounds (excluding barium sulphate)
	D300	Non toxic salts	Aluminium dross, aluminium smelter waste
			Ammonium chloride
			Non-metallic product
			Salt slag
	D310	Boron compounds	• Borax • Boron and boron compounds • Boron trioxide
	D330	Inorganic sulfides	Inorganic sulphur containing compounds
	D340	Perchlorates	Perchlorates
	D350	Chlorates	Magnesium chlorate • Potassium chlorate • Sodium chlorate

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	D360	Phosphorus compounds excluding mineral phosphates	Ethyl phosphate • Phosphorus and phosphorus compounds (inorganic)
E: Reactive chemicals	E100	Waste containing peroxides other than hydrogen peroxide	Barium peroxide • Sodium peroxide
F: Paints, Resins, Inks and Organic Sludges	F100	Waste from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	Water based wastes from inks, dyes, pigments, paints, lacquers and varnish
	F110	Waste from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	Water based wastes from resins, latex, plasticisers, glues and adhesives
G Organic Solvents	G100	Ethers	Ethers • Waste aviation fuel (Av-Gas) • Waste petrol
	G110	Organic solvents excluding halogenated solvents	Acetone
			Benzene
			Ethanol
			Hexane
			Klenasol (non-chlorinated)
			Methanol
			Methyl ethyl ketone
			Methylated spirits
			Mineral turpentine
			Toluene
			Waste jet fuel
			Waste kerosene
			White spirit
			Xylene
	G150	Halogenated organic solvents	Carbon tetrachloride
			Genklene
			Methylene chloride (dichlormethane) i.e. paint stripper
			Tetrachloroethylene
			Trichloroethane
			Trichloroethylene
	G160	Waste from the production, formulation and use of organic solvents	Organic solvents and solvent residues not otherwise specified
			Solvent recovery residues

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H Pesticides	H100	Waste from the production, formulation and use of biocides and phytopharmaceuticals	Arsenic based pesticides such as sheep dip, daconate, DMA (disodiummethylarsonate) and DSMA (disodium methyl arsenate)
			Biological pesticides
			Inorganic and organo-metallic pesticides including copper based fungicides
			Mixed pesticide residue
			Nitrogen containing pesticides including paraquat and trifluralin
			Sulfur containing pesticides
			Glyphosate
	H110	Organic phosphorus compounds	Organic phosphorus compounds
			Organo phosphorus pesticides
	H170	Waste from manufacture, formulation and use of wood-preserving chemicals	Copper-chrome-arsenic (CCA)
			Creosote
			Organic wood preserving compounds
			Other inorganic wood preserving compounds
J: Oils	J100	Waste mineral oils unfit for their original intended use	Mineral oils unfit for their original intended use (lubricating and hydraulic)
			Oils, hydrocarbons and emulsions
			Petroleum based grease such as axle grease
			Rags and absorbent material wet/saturated with oil
			Transformer fluids (excluding PCB's)
			Waste hydrocarbons which are not highly flammable, such as diesel
			Waste mineral oil and coolant mixtures
	J120	Waste oil/water, hydrocarbons/water mixtures or emulsions	Cutting oils and soluble oils
			Hydrocarbon such as petrol or diesel and water mixtures or emulsions
			Waste oil and water mixtures or emulsions

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	J160	Waste tarry residues arising from refining, distillation, and any pyrolytic treatment	Tars and tarry residues
K: Putrescible and Organic Wastes	K110	Grease trap waste	Grease interceptor waste from grease traps
	K130	Sewage sludge, sewage residue, nightsoil or sludge from an on-site waste water management system	Sewage waste from the reticulated sewerage system (e.g. Water Corporation)
	K140	Tannery wastes (including leather dust, ash, sludges and flours)	Tannery wastes such as leather dust, ash, sludges and flours from tanneries which do not use chromium in their processes
	K190	Wool scouring waste	Wool scouring waste
M: Organic Chemicals	M100	Waste substances and articles containing or contaminated with polychlorinated biphenyls (PCBs), polychlorinated naphthalenes (PCNs), polychlorinated terphenyls (PCTs) and/or polybrominated biphenyls (PBBs)	Equipment contaminated with PCBs
			PCB oil
			PCB waste (solid and liquid), as defined in the polychlorinated biphenyls management Plan (Revised Edition April 2003)
	M150	Phenols, phenol compounds including chlorophenols	Carbolic acid (phenol)
			Phenols, phenol compounds including halogenated phenols
	M160	Organohalogen compounds - other than substances referred to in this list	Excluding PFAS contaminated materials
			Halogenated organic compounds
			Hexachlorobenzene (HCB)
	M170	Polychlorinated dibenzo-furan (any congener)	Furans are inadvertently produced as a result of combustion activities including power generation, waste incineration, metal smelting and

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			some types of chemical manufacture
	M180	Polychlorinated dibenzo-p-dioxin (any congener)	Dioxins are inadvertently produced as a result of combustion activities including power generation, waste incineration, metal smelting and some types of chemical manufacture
	M210	Cyanides (organic)/nitriles	Nitriles • Organic cyanides
	M220	Isocyanate compounds	Isocyanates (organic)
	M230	Triethylamine catalysts for setting foundry sands	Spent catalysts for carbon dioxide scrubbing in natural gas processing
			Spent triethylamine catalysts for setting foundry sands
	M250	Surface active agents (surfactants), containing principally organic constituents and which may contain metals and inorganic materials	Detergents
			Emulsifiers
			Fire fighting foams (excluding PFOS and PFOA)
			Surface active agents (surfactants)
			Wetting agents
	M260	Highly odorous organic chemicals (including mercaptans and acrylates)	Methacrylates (excluding solid inert polymeric material)
			Odorous, organic compounds including mercaptans, acrylate
			Organic sulphur compounds
	M270	Per- and poly-fluoroalkyl substances (PFAS) contaminated materials, including waste PFAS containing products and contaminated containers	Per- and poly-fluoroalkyl substances (PFAS), including associated subclasses and homologues
			PFAS (including PFOS and/or PFOA) contaminated fire-fighting foams, pesticides and stain repellents
N: Soils and Sludge	N100	Containers which are contaminated with residues	A residue is 1% or less of the containers total capacity, excluding PFAS contaminated materials

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		of substances referred to in this list	
			<ul style="list-style-type: none"> • Soils contaminated with controlled waste at a concentration which exceeds the criteria for acceptance into a General Solid or Restricted landfill facility
	N140	Fire debris and fire washwaters	<ul style="list-style-type: none"> • Fire debris and wash waters contaminated with chemicals excluding PFAS contaminated materials
	N150	Fly ash excluding fly ash generated from Australian coal fired power stations	<ul style="list-style-type: none"> • Fire debris and wash waters contaminated with chemicals excluding PFAS contaminated materials
	N160	Encapsulated, chemically-fixed, solidified or polymerised wastes (referred to in this list)	Excluding PFAS contaminated materials
			Encapsulated, chemically fixed, solidified or polymerised controlled wastes including those suitable for disposal at a Class I, II or III landfill
	N190	Filter cake contaminated with residues of substances referred to in this list	Filter cake containing Hazardous Waste
			Industrial waste treatment sludges and residues
			Ion-exchange column residues
			Residues from pollution control
			Scrubber sludge
R Clinical and Pharmaceutical	R100	Clinical and related wastes	Waste generated by medical, nursing, dental, veterinary, pharmaceutical or other related activity which is poisonous or infectious, likely to cause injury to public health or contains human tissue or body parts
	R120	Waste pharmaceuticals, drugs and medicines	Expired or discarded medicines, drugs and pharmaceuticals
	R140	Waste from the production and preparation of pharmaceutical products	Waste from production or preparation of pharmaceutical products

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T: Miscellaneous	T100	Waste chemical substances arising from research and development or teaching activities including those which are not identified and/or are new and whose effects on human health and/or the environment are not known.	Waste chemical substances arising from research and development or teaching activities
	T120	Waste from the production, formulation and use of photographic chemicals and processing materials	Waste from production or formulation of photographic chemicals or processing materials such as fixer and developer may contain silver