



WASTE AVOIDANCE AND RESOURCE RECOVERY REGULATIONS 2008

REVOCATION OF NOTICE - INFORMATION REQUIRED FOR AN ANNUAL RETURN NON-METROPOLITAN LANDFILLS

Under regulation 18D(3) of the *Waste Avoidance and Resource Recovery Regulations 2008*, the notice titled "Information Required For An Annual Return Of Non-Metropolitan Landfills" published in the *Government Gazette* on 28 June 2019, is revoked and replaced with the following notice.

WASTE AVOIDANCE AND RESOURCE RECOVERY REGULATIONS 2008

INFORMATION REQUIRED FOR AN ANNUAL RETURN OF NON-METROPOLITAN LANDFILLS

PERSON WHO DESCRIBES INFORMATION REQUIRED FOR AN ANNUAL RETURN

I, Alistair Jones, in my capacity as the chief executive officer of the department principally assisting the Minister for Environment in the administration of the *Waste Avoidance and Resource Recovery Act 2007*¹ (CEO) hereby describes in this notice the information relating to reportable waste² or recycling of reportable waste that is required to be provided in an annual return and the procedures to be followed to record and calculate or estimate that information pursuant to regulations 18C and 18D(1) of the *Waste Avoidance and Resource Recovery Regulations 2008*.

PERSON REQUIRED TO PROVIDE AND USE INFORMATION IN THIS NOTICE

In this notice, a person is a *liable person* as described under regulations 18B(1) and 18B(4) of the *Waste Avoidance and Resource Recovery Regulations 2008* if they are a licensee, or a person who is the occupier of premises that would, if the person held a licence in respect of the relevant premises, be a licensed landfill —

- a) if at least 20,000 tonnes of reportable waste is received in a financial year at the licensed landfill or the relevant premises; and
- b) if the licensed landfill is, or the relevant premises are, outside the metropolitan region.

For the purpose of this notice, these persons will be hereafter referred to as 'liable non-metropolitan landfills'.

¹ The 'department principally assisting the Minister for Environment in the administration of the *Waste Avoidance and Resource Recovery Act 2007*' is currently the Department of Water and Environmental Regulation.

² Regulation 18A of the *Waste Avoidance and Resource Recovery Regulations 2008* defines **reportable waste** to mean waste that is solid matter.

A licensed landfill premises is a premises specified in category 63, 64 or 65 of the *Environmental Protection Regulations 1987*, Schedule 1, in respect of which a licence is held.

A liable non-metropolitan landfill is subject to Part 3A of the *Waste Avoidance and Resource Recovery Regulations 2008* pursuant to regulation 18B(1). Under regulation 18C of Part 3A, a liable non-metropolitan landfill is required to make and lodge an annual return relating to reportable waste or the recycling of reportable waste containing information as required by this notice under regulation 18D.

PREMISES OR LICENSED LANDFILL

The liable non-metropolitan landfill must inform the CEO in a form approved in writing by the CEO³ of the premises or the licensed landfill in respect of which the person is a liable person pursuant to regulation 18B(5)(b) of the *Waste Avoidance and Resource Recovery Regulations 2008*.

INFORMATION REQUIRED FOR THE ANNUAL RETURN – REGULATIONS 18C AND 18D

For the purposes of making an annual return under regulation 18C of the *Waste Avoidance and Resource Recovery Regulations 2008*, the liable non-metropolitan landfill must include the following information in that annual return, and record that information pursuant to regulations 18D(1)(b)(i) and 18D(5).

1. All liable non-metropolitan landfills must record and report the following data against the approved waste material categories, in tonnes:
 - total weight of waste received
 - total weight of waste received from each waste source sector (municipal; commercial and industrial; or construction and demolition)
 - total weight of waste disposed to landfill
 - total weight of waste removed from the site
 - the destination of material removed from site (recycling; waste-to-energy; or disposal to landfill)
 - total weight received by defined regions (received from the metropolitan region but to which are exempt from the levy under the *Waste Avoidance and Resource Recovery Levy Regulations 2008*; received from the Perth metropolitan region and subject to the levy, received from Peel region, received from other regions)
 - total weight of stockpiled processed waste at the start and end of the financial year
 - total weight of stockpiled unprocessed waste at the start and end of the financial year.
2. Liable non-metropolitan landfills must calculate or estimate the information by virtue of regulation 18D(1)(b)(ii) of the *Waste Avoidance and Resource Recovery Regulations 2008* required in item 1 using the *Approved procedure for estimation/calculation of annual return*

³ The term 'approved' is defined in regulation 3 of the *Waste Avoidance and Resource Recovery Regulations 2008* to mean approved by the CEO in writing.

information for non-metropolitan landfills receiving more than 20,000 tonnes of waste per annum required under the Waste Avoidance and Resource Recovery Regulations 2008 at Attachment 1 of this notice, which forms part of this notice.

3. Liable non-metropolitan landfills must make and submit their return in the approved⁴ form.
4. Liable non-metropolitan landfills must, by virtue of regulation 18D(1)(b)(i) of the *Waste Avoidance and Resource Recovery Regulations 2008*, keep and record relevant to the calculation, estimation and/or verification of the information reported in its annual return in a legible written form, or so as to be readily convertible into such a form, for a period of not less than five years from the day on which the record was made.

CURRENT REPORTING AND LIABILITY

The liable non-metropolitan landfill must make an annual return in the approved⁵ form and lodge it with the CEO on or before 1 October each year. The annual return must contain the information required under this notice for the most recently completed financial year relating to reportable waste⁶ or recycling of reportable waste.

This CEO notice replaces all previous CEO notices issued to liable non-metropolitan landfills under regulation 18D(1) of the *Waste Avoidance and Resource Recovery Regulations 2008*.

There are a number of offences provided for under regulation 18E of the *Waste Avoidance and Resource Recovery Regulations 2008* for breaches by liable non-metropolitan landfills under regulations 18B, 18C and 18D, carrying a fine of \$10,000.

Alistair Jones
Chief Executive Officer
Department of Water and Environmental Regulation

25 June 2025

⁴ The term 'approved' is defined in regulation 3 of the *Waste Avoidance and Resource Recovery Regulations 2008* to mean approved by the CEO in writing.

⁵ See footnote 4 above.

⁶ Regulation 18A of the *Waste Avoidance and Resource Recovery Regulations 2008* defines **reportable waste** to mean waste that is solid matter.

Attachment 1

Approved procedure for estimation/calculation of annual return information for non-metropolitan landfills receiving more than 20,000 tonnes of waste per annum required under the *Waste Avoidance and Resource Recovery Regulations 2008*

Approved procedure of the CEO of the department principally assisting the Minister for Environment in the administration of the *Waste Avoidance and Resource Recovery Act 2007* as required under regulation 18D of the *Waste Avoidance and Resource Recovery Regulations 2008*

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1. Objective

To establish the procedure of the chief executive officer of the department principally assisting the Minister for Environment in the administration of the *Waste Avoidance and Resource Recovery Act 2007*⁷ (CEO) for estimating and calculating information to be reported in an annual return under regulations 18C and 18D(1) of the *Waste Avoidance and Resource Recovery Regulations 2008* (WARR Regulations).

This document is intended for liable persons, as defined by regulation 18B(4) of the WARR Regulations, who are licensees, or persons who are the occupiers of premises (the relevant

⁷ The 'department principally assisting the Minister for Environment in the administration of the *Waste Avoidance and Resource Recovery Act 2007*' is currently the Department of Water and Environmental Regulation.

premises) that would, if the person held a licence in respect of the relevant premises, be a licensed landfill —

- a) if at least 20,000 tonnes of reportable waste is received in a financial year at the licensed landfill or the relevant premises; and
- b) if the licensed landfill is, or the relevant premises are, outside the metropolitan region.

A licensed landfill premises is a premises specified in category 63, 64 or 65 of the Environmental Protection Regulations 1987, Schedule 1, in respect of which a licence is held.

For the purpose of this document, these persons will be hereafter referred to as liable non-metropolitan landfills.

2. Background

The WARR Regulations require liable persons to make and lodge annual returns with the CEO on or before 1 October in each year. The annual returns must contain information for the most recently completed financial year relating to reportable waste or the recycling of reportable waste,⁸ as required by the notice under regulation 18D(1) (notice).

The WARR Regulations require annual returns to be prepared using procedures for the purposes of calculation or estimation methods described and approved by the CEO in the notice.

3. CEO-approved methods

This document provides the procedure to be followed by liable non-metropolitan landfills for the purposes of the calculation or estimation methods that liable non-metropolitan landfills are required to use to prepare their annual returns under regulation 18C of the WARR Regulations.

This document forms a part of the notice approved by the CEO.

4. Reportable waste material categories

Liable non-metropolitan landfills must categorise and report waste information using the approved reportable waste material categories provided in Appendix A.

5. Measuring waste

Note for liable landfills that receive waste from the waste levy region.

Liable landfills that receive waste that is subject to the waste levy, must measure waste in a manner that is consistent with the requirements under the *Waste Avoidance and Resource Recovery Levy Regulations 2008*. The methods below apply to all other liable landfills.

⁸ Regulation 18A of the Waste Avoidance and Resource Recovery Regulations 2008 defines **reportable waste** to mean waste that is solid matter.

5.1 Waste received and removed from site

5.1.1 Weighing

The preferred method for estimating the quantity of reportable waste received, disposed of and leaving the facility is for the reportable waste to be weighed at the point of entry or departure on a calibrated weighbridge at the facility.

5.1.2 Volume assessment

Where weighing reportable waste is not possible, the volume of each load entering and leaving the facility must be assessed. Approved default values for vehicle volumes are provided in Appendix B. Volume of each load is assessed as the volume of the vehicle or container multiplied by the percentage fullness of the vehicle or container.

5.2 Stockpiles

5.2.1 Mass balance

The weight or volume of a stockpile is determined by adding net movement of materials to the original weight or volume of the stockpile. This method is only suitable for non-degradable material, such as masonry materials, dry recyclables, etc.

5.2.2 Volumetric survey

A volumetric survey may be used to estimate the volume of a stockpile. Volumetric surveys are not required to be conducted by a qualified surveyor but should be conducted as close to the end of the reporting period as possible.

5.2.3 Physical measurement

Physical measurement can be used where materials are stored in baled cubes or regular shaped windrows and will be calculated from measurements of the height, length and width of the stored waste.

Where only a small amount of material is stored on-site (<200 m³), the stockpile volume may be estimated by measurements of the circumference and height of a stockpile.

5.3 Estimating the amount of waste disposed of at landfill

For reportable waste received that is disposed of directly to landfill on entering the facility, the relevant approved methods for estimating weight set out in Clause 5.1 must be used.

Where reportable waste is stored for recycling or reuse, with some of the load removed and disposed of to landfill (e.g. contamination is removed from organic wastes), the following methods for estimating reportable waste disposed of to landfill may be used:

- weighed over the weighbridge;
- a mass balance of reportable waste entering and leaving the facility; or
- volume assessment method.

5.4 Converting volumes to tonnes

If all reportable waste is volume assessed at a facility, then the liable landfill may use cubic metres to prepare the annual return.

Alternatively:

- liable landfills may convert measured volumes to tonnes using site-specific material density factors. The density factors used in the preparation of the return must be submitted to the department at waste.data@dwer.wa.gov.au at the time of lodging the return.
- Default density factors provided under Appendix B Default factors may also be used to prepare the return.

6. Source of waste

The source of each load entering or leaving the facility must be recorded by waste stream:

- municipal solid waste (MSW);
- commercial and industrial waste (C&I) waste; or
- construction and demolition waste (C&D) waste

and by geographic source:

- Perth metropolitan region;
- Peel region; or
- other regions.

Where possible, the waste stream in which the waste was generated should be recorded; otherwise, it is recorded as the waste stream in which the waste was collected.

7. Destination/fate of waste removed from site

Liable non-metropolitan landfills are required to report what happens to the reportable waste received at the facility. The options for the fate of reportable waste removed from site are disposal, recycled or waste-to-energy material.

8. Alternative methods

Liable non-metropolitan landfills may propose alternative methods for the following if these are more accurate than the methods set out above:

- estimating the amount of reportable waste received, removed and disposed of
- estimating the bulk density
- estimating the reportable waste composition
- estimating the source waste stream.

Any alternative methods proposed must be accurate, repeatable and consistent.

Liable non-metropolitan landfills may also propose alternative default values to those listed in Appendix B. Liable non-metropolitan landfills must submit alternative methods or default values,

with relevant substantiating information, to the department at waste.data@dwer.wa.gov.au for consideration and approval prior to use in the annual return.

9. Definitions

| Term | Definition |
|---|---|
| Commercial and Industrial waste (C&I) | Solid waste generated by the business sector, State and Australian Government entities, schools and tertiary institutions. |
| Construction and demolition waste (C&D) | Waste produced by demolition and building activities, including road and rail construction and maintenance, and excavation of land associated with construction activities. |
| DWER (the department) | Department of Water and Environmental Regulation |
| Energy recovery | Processes through which wastes are collected, sorted and processed to recover energy in usable form, for example process heat, steam or in electricity generation. For data reporting purposes, the quantity of waste allocated to the fate 'energy recovery' excludes residuals from energy from waste facilities that are recycled or sent to landfill or otherwise disposed of. Energy recovery is reported as the wet weight of the waste received and converted to energy. |
| Further processing | A waste destination for recovered waste that has been sent to another facility in WA or interstate for further reprocessing prior to becoming a final product or production input or exported. |
| Material density factors | Tonnes per cubic metre. A property of a material. Can be used to estimate the weight of a particular material from a measure of its volume. |
| Municipal solid waste (MSW) | Solid waste generated from domestic (residential) premises and local government activities. |
| Peel region | The Peel region is the area defined by the Peel Region Scheme (May 2013). |
| Perth Metropolitan Region | The Perth region, or Perth Metropolitan Region, is the area defined by the Metropolitan Region Scheme (June 2014). |
| Recycling | Activities that culminate in the reprocessing of wastes into products or secondary materials that are returned to |

| Term | Definition |
|------------------|---|
| | <p>productive use (excluding for energy). May include collection, sorting and/or reprocessing. For data reporting purposes, recycling:</p> <ul style="list-style-type: none"> • includes all materials received by a reprocessing facility that are processed to the point of being suitable for manufacturing or return to productive use, whether immediately used or stored for later sale or use • includes weight losses to the atmosphere during the processing of wastes (for example, moisture, carbon dioxide from organics degradation) • excludes residuals that are sent to landfill or otherwise disposed of • excludes materials received at a recycling facility but not yet processed • is reported as wet weight. |
| Reportable waste | Means waste that is solid matter under Part 3A, regulation 18A of the <i>Waste Avoidance and Resource Recovery Regulations 2008</i> . |
| Reprocessing | Transformation of recovered materials to make raw materials for use in making new products or direct use. May include cleaning, fractionation, crushing, shredding, dissolution, composting or other transformative processes. |
| Stockpiling | Temporary storage of waste or waste products for future sale, resource recovery or disposal. |
| Used on site | A waste destination where recovered waste is put to beneficial use at the liable persons facility such as recovered C&D materials used to construct roads at the facility. |

Appendices

Appendix A Approved reportable waste material categories and types

| Category (Tier 1) | Subcategory (Tier 2) | Subcategory description |
|---------------------|------------------------------------|--|
| Paper and cardboard | White office paper | High-quality white office paper |
| | Old Newsprint (ONP) | Newspapers |
| | Magazines | Magazines and booklets |
| | Liquid paperboard | Milk and juice cartons made from liquid paperboard |
| | Paper – mixed | Combination of the above categories |
| | Cardboard | Corrugated and flat cardboard. Excludes non-recyclable wasted and coated cardboard. |
| | Mixed paper/cardboard | Paper and cardboard collected together. |
| Glass | Glass packaging – mixed | Glass jars and bottles |
| | Glass – construction | Glass windows and tiles |
| | Glass – other | Wine glasses, etc. |
| Plastic | PET (1) | Polyethylene terephthalate |
| | HDPE (2) | High-density polyethylene |
| | PVC (3) | Poly-vinyl chloride |
| | PE-LD/LLD (4) | Low-density polyethylene |
| | PP (5) | Polypropylene |
| | PS (6) | Polystyrene (hard form) |
| | PS-E (6) | Polystyrene (expanded form / foam) |
| | ABS/SAN/ASA (7) | Acrylonitrile butadiene styrene / styrene acrylonitrile / acrylonitrile styrene acrylate |
| | PUR/PIR (7) | Polyurethanes and polyisocyanurates |
| | Polyamides (PA) (nylons) | Nylon |
| | Bioplastics | |
| | Mixed plastic packaging | Recyclable plastic packaging (PET, HDPE, PVC, etc.) |
| | Hard plastic (not packaging) | Mixed hard plastics |
| | Other aggregated polymer types | |
| | Unknown polymer | |
| Metals | Metals – ferrous steel – packaging | Cans |

| Category (Tier 1) | Subcategory (Tier 2) | Subcategory description |
|-------------------|--|---|
| | Metals – ferrous steel – steel – non-packaging | Bars, pipes, etc. |
| | Metals – non-ferrous – aluminium – packaging | Cans and foil |
| | Metals – non-ferrous – aluminium – non-packaging | Bars, tubes, etc. |
| | Metals – non-ferrous – other metals | Copper, zinc, etc. |
| Organics | Food waste | Kitchen scraps, unsold food products (unpacked) |
| | Vegetation | Leaves, branches, logs, grass clippings, flowers |
| | Food and garden organics (FOGO) | Combined food and garden waste collected in kerbside collections (FOGO) |
| | Forestry waste | Barks and sawdust (from forestry activities) |
| | Agricultural waste (excluding manure) | Includes animal bedding, animal mortalities, paunch and straw |
| | Manures | Raw, untreated animal manure |
| | Biosolids | Solid organic outputs from processing sewage |
| | Sawdust | |
| | Urban wood and timber (also C&D waste) | Wood / timber from commercial and industrial activities or construction and demolition activities |
| | Fats and grease | Waste fats, grease, grease trap sludge, biodegradable sludges, waste cooking oil, etc. |
| | Other organic | |
| Rubber | Tyres | All rubber tyres. Does not include metal rim or hubcaps |
| | Other rubber, including conveyor belts | All other rubber |
| C&D waste | Sand/soil | Uncontaminated sand or soil |
| | Clean fill | Raw, excavated natural material such as clay, gravel, sand, soil or rock fines sourced from land that has not been used for any potentially contaminating land uses |
| | Rubble/aggregate | Stones, etc. also includes clean, processed C&D recycled |
| | Bricks | Whole or broken bricks |

| Category (Tier 1) | Subcategory (Tier 2) | Subcategory description |
|-------------------------|---|---|
| | Concrete | Concrete or cement |
| | Asphalt | Waste bitumen or asphalt |
| | Plasterboard and cement sheeting | Plasterboard and cement sheeting |
| | Masonry material | Mixed concrete, brick, tiles etc. |
| | Mixed C&D waste | Mixed construction and demolition waste |
| | Mixed inert waste | Other C&D waste meeting the Type 1 inert waste definition in the Landfill Waste Classification and Waste Definitions 1996 (as amended 2018) |
| Textiles | Mixed textiles | Cloth, rags, clothes |
| | Leather | Items mainly leather |
| | Foam rubber | Includes polyurethane or latex |
| | Carpets | Carpets |
| | Mattresses | Mattresses |
| Mixed putrescible waste | Mixed domestic kerbside residuals (no organics service) | Waste from mixed residual kerbside bin with no separate FOGO or GO collection |
| | Mixed domestic kerbside residuals (organics service) | Waste from mixed residual kerbside bin with no separate FOGO or GO collection |
| | Mixed putrescible waste – C&I | Includes putrescible waste from retail, service and manufacturing industries |
| | Residuals from biodigestion | |
| | Mixed putrescible – other | Putrescible waste as defined in Landfill Waste Classification and Waste Definitions 1996 (as amended 2018) |
| Mixed dry recyclables | Co-mingled recycling | Containers, paper and cardboard collected from households and commercial premises. |
| | Co-mingled recyclables (glass separate) | Containers, paper and cardboard with glass separated |
| | Co-mingled recyclables (paper and cardboard separate) | Containers, including glass with paper and cardboard separated |
| | Mixed industrial recyclables | Dry recyclable material collected from commercial and industrial premises. Includes mixed cardboard/plastic film collections. Includes mixed timber/steel/cardboard collections |

| Category (Tier 1) | Subcategory (Tier 2) | Subcategory description |
|-------------------|--|---|
| E-waste | Screens, information technology and telecommunications | Regulated e-waste-category |
| | Lighting and lamps | Regulated e-waste-category |
| | Large appliances | Regulated e-waste-category |
| | Batteries | Regulated e-waste-category |
| | Temperature exchange equipment | Regulated e-waste-category |
| | Medical devices | Regulated e-waste-category |
| | Solar panels | |
| Bulky wastes | Mattresses | Mixed steel, foam and cloth mattresses |
| | Furniture | Mixed material furniture, e.g. lounge chairs |
| Hazardous | Household chemicals | Household chemicals recovered through Household Hazardous Waste collections |
| | Waste oil | Waste oil collected through waste oil collections and through Household Hazardous Waste collections, such lubricating oil, mechanical oil |
| | Asbestos | Asbestos containing material. Includes asbestos fencing, pipes, insulation |
| | Clinical waste | Includes all medical and veterinary waste |
| Contaminated soil | Contaminated soil | Soil from a contaminated site, as defined by the <i>Contaminated Sites Act 2003</i> |
| Other | Fly ash | Ash produced by burning of coal |
| | Residuals from waste to energy facilities | Ash produced by burning of waste to produce energy |
| | Residuals from metals recovery facilities | Shredder floc |
| | Residuals from materials recovery facilities (MRFs) | Residual fines which consist of mostly broken glass, some shredded paper and some small plastic pieces (e.g. lids) |
| | Disaster waste | Where not readily reportable by material type |
| | Other | Waste not otherwise specified (please specify) |

Appendix B Default values

Note: Liable non-metropolitan landfills must use facility-specific values where this information is available. The default values provided can be used where facility-specific data is not available.

Table 1 Default vehicle volumes

| Vehicle type | Assumed volume (m ³) |
|--|----------------------------------|
| Small vehicle (car, utility, van, trailer) | 1 |
| Open truck – small, 2 axles | 3 |
| Open truck – large 2 axles | 6 |
| Open truck – 3 axles | 10 |
| Open truck – 4 axles | 12 |
| Open truck – 5 axles | 18 |
| Open truck – 6 axles | 20 |
| Open truck – 8 axles | 20 |
| Open truck – 9 axles | 32 |
| Open truck – 11 axles | 40 |
| Compactor truck – volume unknown | 10 |

Source: DWER (2018) Approved manner for estimating the volume or weight of waste received at and disposed of to landfills *Waste Avoidance and Resource Recovery Levy Regulations 2008*

Table 2 Default bulk densities

| Waste material category | Default bulk density (t/m ³) |
|--|--|
| Paper | 0.2 |
| Cardboard | 0.1 |
| Plastics (baled) | 0.14 |
| Plastic containers (loose) | 0.01 |
| Metals – ferrous – mixed | 0.35 |
| Metals – non-ferrous | 0.14 |
| Glass (whole) | 0.347 |
| Glass (ex-MRF) | 1 |
| Concrete | 1.5 |
| Bricks | 1.2 |
| Soil, sand, clean fill | 1.3 |
| Organics – garden organics | 0.15 |
| Organics – food organics | 0.5 |
| Organics – timber/wood | 0.19 |
| Organics – timber/wood (packaging and pallets) | 0.156 |
| Organics – other organics | 0.3 |
| Rubber/tyres | 0.3 |
| Textiles | 0.15 |
| Hazardous – asbestos | 0.31 |

| | |
|--|---|
| Hazardous – other | 0.2 |
| Plaster board/cement sheeting | 0.5 |
| Mixed waste material | Default bulk density (t/m³) |
| Mixed building waste in skip bins | 0.7 |
| Domestic co-mingled recyclables | 0.06 |
| Mixed domestic MSW kerbside residuals | 0.14 |
| Mixed domestic hard waste | 0.11 |
| Street cleaning waste | 0.7 |
| Residuals from materials recovery facilities | 0.31 |
| Residuals from metals recycling facilities (shredder floc) | 0.2 |
| Disaster waste | 0.72 |
| Quarantine waste | 0.3 |
| Other / mixed – putrescible | 0.3 |
| Other /mixed – inert | 1.1 |

Table 3 Weight (kg) per item of product wastes

| Type | Weight (kg) |
|---|-------------|
| Mattress | 35 |
| Tyre | 8 |
| E-waste | |
| Dishwashers | 43.3 |
| Kitchen (e.g. large furnaces, ovens, cooking equipment) | 47.66 |
| Washing machines (incl. combined dryers) | 72.54 |
| Dryers (wash dryers, centrifuges) | 45.98 |
| Lamps (e.g. pocket, Christmas, excl. LED and incandescent) | 0.09 |
| Compact fluorescent lamps (incl. retrofit and non-retrofit) | 0.08 |
| Straight tube fluorescent lamps | 0.11 |
| Special lamps (e.g. professional mercury, high- and low-pressure sodium) | 0.08 |
| LED lamps (incl. retrofit LED lamps and household LED luminaires) | 0.08 |
| Household luminaires (incl. household incandescent fittings) | 0.45 |
| Professional luminaires (offices, public space, industry) | 2.67 |
| Professional medical (e.g. hospital, dentist, diagnostics) | 67.04 |
| Game consoles | 0.48 |
| Small IT (e.g. routers, mice, keyboards, external drives and accessories) | 0.4 |
| Desktop PCs (excl. monitors, accessories) | 8.77 |
| Laptops (incl. tablets) | 1.26 |
| Printers (e.g. scanners, multifunctionals, faxes) | 10.32 |
| Telecom (e.g. cordless phones, answering machines) | 0.45 |
| Mobile phones (incl. smartphones, pagers) | 0.09 |

| | |
|--|--------|
| Professional IT (e.g. servers, routers, data storage, copiers) | 40 |
| Cathode ray tube monitors | 22 |
| Flat display panel monitors (LCD, LED) | 5.5 |
| Cathode ray tube TVs | 33.2 |
| Flat display panel TVs (LCD, LED, Plasma) | 10.2 |
| Central heating (household installed) | 30.85 |
| Professional heating and ventilation (excl. cooling equipment) | 124.61 |
| Household heating and ventilation (e.g. hoods, ventilators, space heaters) | 12.14 |
| Fridges (incl. combi-fridges) | 40.79 |
| Freezers | 44.09 |
| Air conditioners (household installed and portable) | 26.7 |
| Other cooling (e.g. dehumidifiers, heat pump dryers) | 41.7 |
| Professional cooling (e.g. large air conditioners, cooling displays) | 110.1 |
| Cooled dispensers (e.g. for vending, cold drinks) | 92.22 |
| Container Deposit Scheme | |
| Glass beverage container (150 ml to 3 L) | 0.220 |
| Polyethylene terephthalate (PET) beverage container (150 ml to 3 L) | 0.027 |
| Aluminium beverage container (150 ml to 3 L) | 0.014 |
| High-density polyethylene (HDPE) beverage container (150 ml to 3 L) | 0.030 |
| Liquid paperboard (LPB) beverage container (150 ml to 1 L) | 0.020 |

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Zero Waste SA, Solid Waste and Recycling Reporting Template.