

How are electronics (WEEE) recycled?




printwaste
Sustainable Recycling

Electronics (WEEE) recycling step-by-step.



Step 1: Collection

We'll collect your electrical items and transport them back to our recycling facility.

Step 2: Sorting

Once there, we'll sort the electricals into different types (e.g. computers, printers, kettles, cables), removing any hazardous items, such as batteries, and storing these separately.

Step 3: Dismantling

After this, we'll manually break the remaining items down into their individual parts (e.g. glass, metals and plastics). These parts will then follow the regular recycling routes for their particular material.

See our range of process sheets to find out how these different materials are recycled.

Step 4: Shredding at a WEEE plant

Any electrical items that cannot be broken down manually, we will send on to a specialist WEEE recycling plant, where they will first be shredded.

Step 5: Separating at the WEEE plant

The shredded items will then be put onto a conveyor belt, ready to be separated by material type. Magnets will remove ferrous metals (like iron and steel), an eddy current will remove non-ferrous metals (such as aluminium and copper) and the remaining plastics will be sorted using near-infrared light (NIR) or density separation.

Step 6: Recycling

Now separated into their individual streams, each material will be transported to a manufacturer and turned into something new.



Did you know? A games console contains precious metals (gold, silver, platinum and palladium) that can be recycled into jewellery!

We hope you found this useful & informative.

If you did, you'll be happy to
know we have a whole bunch
of process sheets for you...

Recycling process sheets



Cans



Cardboard



Cartons



Paper cups



Glass



Wood



Plastics



Paper



Fluorescent
light tubes



WEEE



Polystyrene



Tins



Non-recyclables

Confidential shredding process sheets



Uniforms & clothing



Hard drives



Confidential paper

To let us know which one(s)
you'd like to read next, just give
us a call on **01242 588600**
or email us at
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