



WASTE RECYCLING INSTRUCTIONS

ASBESTOS WASTE

All waste containing asbestos must be collected separately and tightly packed in plastic. Our plant has our own asbestos waste landfill where all asbestos waste needs to be taken. Asbestos waste must be covered up immediately after delivery.

Asbestos waste deliveries to the landfill must always be registered on a digital [form](#). Making the registration is the responsibility of the transport contractors. QR code to the form can be found at the end of these instructions

The delivery of non-asbestos waste to the landfill is not allowed.

CONCRETE, BRICK AND ASPHALT WASTE

Small amounts (max 5 m³) of clean (acid-free) concrete and brick waste are collected in the storage field (LOL) next to Kaivoksentie. Larger amounts are collected on a transfer waste pallet and delivered directly to Fortum Sorsasalo.

Small amounts of clean (acid-free) asphalt are collected in the storage field (LOL) next to Kaivoksentie. Larger amounts are delivered directly to the Räimä asphalt station.

Other waste (e.g., plastic, concrete sacks, construction waste) must not be mixed with concrete and asphalt waste. Acid contained concrete and asphalt waste is collected separately and delivered to Fortum Sorsasalo.

COMBUSTIBLE MIXED WASTE

Combustible mixed waste will be taken to Riihimäki power plant as energy fuel.

Yes/Allowed:

- All plastic waste, for ex. styrox, finnfoam, plastic foam, empty big bags, PE-, PP- and PVC-plastic, tarpaulin
- Dirty/wet cardboard and paper
- Chemical overalls
- Rubber waste and -hoses
- Work clothes, gloves, shoes, rain clothes
- Fiberglass
- Washing balls in bags
- Other combustible waste

Not allowed:

- Hazardous/Dangerous waste
- Acid waste
- Metal or electric waste
- Glass, (except laboratory equipment glass and drinking glasses)
- Concrete or brick waste

END WASTE / NON-RECYCLABLE WASTE

End waste/non-recyclable waste is unsuitable for recycling or burning. End waste needs to be handled before final disposal or partial utilization.

Yes/Allowed:

- Small amounts of gypsum board. Larger amounts are collected separately.
- Insulation wool (small amounts), Larger amounts are collected and delivered to transfer waste pallet at the end of Pyrite roasting plant (Pasutto).
- Window glass
- Ceramics and porcelain
- Waste that is unsuitable as material or energy

Not allowed:

- Hazardous/Dangerous waste
- Acidic waste or waste covered in gypsum/calcine
- Metal or electric waste
- Recyclable waste
- Waste that can be used to produce energy

PAPER AND CARDBOARD

- Clean paper waste (magazines, copying paper, envelopes etc.) to paper recycling bin.
- Clean cardboard (brown cardboard, corrugated cardboard, liquid cartons, package-, wrapping-, and kraft papers) into cardboard recycling bins
- Larger batches of cardboard into cardboard press next to Korjaamo 1.
- Nothing else is allowed.

INSULATION WOOL WASTE

- Clean and dirty (acidic, iron oxide (pasute) and gypsum) insulation wools can be recycled in same waste pallet.
- Dirty wool must be bagged. (e.g., for waste bags)
- Covered transfer waste pallet is located at the end of Pyrite roasting plant (Pasutto)

WOOD WASTE

Yes/Allowed:

- Construction – and demolition wood, board, plywood, unprocessed wood, wooden furniture, doors and window frames.
- Wooden packets (no pallets) and broken small cable reels.
- Painted and varnished wood, small amounts of gypsum or iron oxide are fine.

Not allowed:

- **Every recycling cable reel, pallets and pallet collars are collected separately and will be recycled.**
- Processed wood e.g., electricity- and telephone poles, construction – and demolition impregnated woods are collected separately in own processed wood waste pallet (One is located behind of cold storage, and another located in store field behind concentration plant).
- Creosote impregnate woods (old electricity poles and railroad ties) are collected separately.
- Woods containing PAH-compounds are hazardous/dangerous waste and are collected separately.
- There must not be large pieces of metal among wood waste. Nails and/or hinges are fine.
- Bituminous coatings must be removed and recycled to combustible mixed waste.
- **Attention!** Large amounts of construction wood are collected separately.

RECYCLABLE WOODEN PACKETS

- Have own marked collection points.
- Every recycling cable reel, pallets (standard and single-use pallets) and pallet collars are collected separately and will be recycled for use again.
- Slightly broken pallets and pallet collars are also recycled.
- Little amounts of impurity are fine.

BIOWASTE

- Biowastes from coffee rooms and canteens, such as food scraps, coffee grounds and fruit peels.
- If separate collection has not been arranged, biowaste is put in the combustible mixed waste.

CONFIDENTIAL MATERIAL

- Confidential papers and -plastics (documents) are recycled in the same recycling bin.
- Bins are in each operations/plants.

METAL WASTE

Metals are always collected separately from other wastes and sorted based on the material.

Aluminum, acid-resistant metal, mixed metal: these have their own small pallets in the plants and repair halls. Large collection silos are located behind cold storage and in storage area behind concentration plant.

Cables, large motors/engines, and barrels are collected separately in their reserved points. Attention, the oils of motors and barrels must be collected separately!

Small amounts of iron oxide, gypsum or fertilizer do not stop recycling. Really dirty metals must be cleaned (e.g., wash or mechanical cleaning) so that metal can be recycled as a new material.

A simple recycling rule for metal waste is that if more than half of the objects' weight is metal, it can be recycled as metal.

MIXED METAL

- Metal pipes, concrete reinforcement metals, screws, etc.
- As a small amounts metal clad air conditioning pipes with wool layer. Large amounts are collected separately.
- Washing machines and other large home appliances with metal clad.
- A metal clad cooling machine, from which glycol has been removed.
- Large metal clads electrical centers.
- Small compressors (max. 2dl oil inside). Large compressors and kompuras, (oil should be removed and transfer with own pallet). Mark on the side (with tape or marker) whether the oil has been removed or not.
- Empty and dry paint ballers. (Others belong in hazardous waste recycling)
- Metal parts of furnitures.

CABLES

- All waste cables are allowed.
- Collecting silo located behind the cold storage and in the storage area of concentration plant.

MOTORS AND ELECTRIC EQUIPMENT

- Small electric motors can be put into mixed metals.
- Big motors in its' own forklift pallet next to composite metal silo. Oil must be drained!

Big metal electrical equipment needs to be inspected separately.

BARRELS

- Any barrels containing residue must be delivered to a specific area. Behind the cold storage next to metal silos or to dangerous waste recycling at concentration plant.
- Completely empty barrels (max 2dl/barrel) can be put straight into mixed metal silo.

HAZARDOUS/DANGEROUS WASTE

Hazardous/Dangerous waste must be separated from other waste and delivered with a transfer document into factory dangerous waste storage and containers or into concentration plants containers. Transfer documents must be delivered in red mailboxes (located in dangerous waste storage and containers) if the volume of dangerous waste is over 10 l. Waste must be marked, what it is or what, for example, the box contains.

Hazardous/Dangerous waste is for example:

- SOLID OIL WASTE: Solid oil material contaminated by oil. (E.g., oily cleaning cotton, wipes, vaseline and other greases, hydraulic tubes)
- SOLID PAINT WASTE: Paint cans, adhesive cans, lacquer cans, waxes, epoxy, and resin cans
- AEROSOL WASTE: All aerosol cans, also empty cans.
- SOLVENTS: Flammable liquids, turpentine, thinner and fuels.
- FLUORESCENT TUBES AND -LAMPS: have its' own containers for both in storage container.
- OIL WASTE: Used lubricating oils. In its' own containers or marked. **Black and clear oils must be separated!**
- GREASE WASTE: Must be packed in a durable tight container.
- LEAD-ACID BATTERIES: All lead-acid batteries (Pb) are collected in container; terminals must be taped!
- BATTERIES: Little 30 l container for batteries (alcalic and lithium batteries) and small rechargeable (alcalic, lithium and nickel-metal hydride) batteries. Terminals must be taped!
- WEEE/WASTE ELECTRICAL AND ELECTRONIS EQUIPMENT: **Small** electronic equipment, LED-lamps, electric tools.
- COOLING MACHINES: Of which have not removed glycol or cooling liquid.
- CHEMICALS: that have its' own, red-edged warning label (or old orange/black label) must be brought in its own containers. Small chemicals storage room is located near cold storage in Korjaamo 1 building.

ASK FOR MORE INFORMATION FROM OUR ENVIRONMENTAL SPECIALIST (+358 503 162 779). YOU CAN AND SHOULD ALWAYS ASK IF HESITATING.

Asbestos waste QR code:

