

BLANCOMET RECYCLING UK LIMITED



STONE RECYCLING PLANT NON-TECHNICAL SUMMARY

Non-Technical Summary of Operations

Blancomet Recycling UK Ltd operates a hazardous waste treatment facility at Opal Way, Aston Industrial Estate, Stone, Staffordshire, ST15 0SS. The site is part of an industrial estate and consists of a large industrial unit of steel frame construction with two smaller similar units.

The site collects and treats hazardous wastes in the form of catalytic converters (whole and shredded) from end-of-life vehicles and also stores and treats lead acid batteries. A variation to the permit allowed the site to accept alloy wheels, starter motors and alternators for storage/bulking, milled powder from catalytic converters, shredded/de-canned CAT outers and cable for granulation with separation of the metal and insulation. The site now seeks a further variation to allow the storage and bulking up of batteries with other chemistries.

There will be no changes to annual tonnages permitted or to the type of processing or treatment of catalytic converters or batteries are proposed. Storage quantities will increase by a maximum of 30 tonnes in new stockpile 14.

The changes are as follows;

1. Additional EWC codes to be added to the permit, 16 06 02*, 16 06 03*, 16 06 04, 16 06 05, 16 02 15*, 20 01 33* and 20 01 34.
2. An additional storage location for batteries in ISO container in the NE corner of the car park.

Storage to be as follows:

- a. 20 01 33* Ni-Cd. For storage smaller Ni-Cd batteries (older power tools, emergency lighting, portable battery operated devices, etc) will be stored in ISO lidded watertight plastic barrels. Terminals will be taped with insulation tape.
- b. 20 01 34- Lithium Ion Batteries (laptop batteries, modern telephone equipment, power tools, medical equipment, modern portable appliances) will be stored in ISO lidded watertight plastic barrels- Trailing wires will have their ends securely taped with insulation tape- Batteries will be layered with Vermiculite in between layers, to prevent terminals from touching.
- c. 20 01 34- Lithium Ion Batteries- **EV Vehicle Batteries**- Stored loose in battery plastic boxes within the secure ISO container.
- d. 20 01 34- Ni-MH- old mobile phones, Older power tools, portable devices- will be stored in ISO lidded watertight plastic barrels- Trailing wires will have their ends securely taped with insulation tape- Batteries will be layered with Vermiculite in between layers, to prevent terminals from touching.
- e. 20 01 34- Hybrid Batteries- Stored loose in battery plastic boxes in the secure ISO container.
- f. 16-06-02* ni-cd, 16-06-03* mercury-contain batteries, 16-06-04 Alkaline batteries, 16-06-05 other batteries and accumulators and 16-02-15* hazardous components removed from discard equipment e.g. PCB board from various electronic equipment are all stored separately in plastic battery boxes within warehouse.