

WASTE MINIMISATION REPORT – REHAU LTD, AMLWCH PPC PERMIT BX6421IY

Section 2.4.1 b) Waste Minimisation Audit

The Operator shall :-

- a) Carry out an periodic audit of waste arising from the Installation and review the best available environmental options for their recovery or disposal ; and
- b) Submit a written report to the Agency summarising the audit and review with proposals and timescales, if appropriate, for implementation of the identified environmental options.

Response:-

- **Waste Audit for the Permitted Installation**

The waste audit was completed during August 2015 and covered the permitted installation EA/EPR/BC6421IY/V002 :-

All wastes from activities connected with the mixing and production processes are managed based upon the 3 R's - Reduce, Reuse and Recycle.

- Reduce - The emphasis is placed upon maintaining a stable process to prevent the production of wastes in the first instance.
- Reuse – Amlwch has been reusing production start up material and reject material by means of grinding into a chip. Since the first quarter of 2015 this has been improved by the introduction of a pulveriser. Chipped material can now be pulverised, this pulverised material can be fed into the process at a higher percentage than chipped material. This has reduced the quantity of material that was being sent off site for recycling.
- Recycle – Production materials that cannot be reused on site such as head waste, cleaning mix, extracted waste, are sent for recycling

The attached Process Map shows the waste arising from the above aspects of the Permitted Installation.

Conclusions:-

Wastes are being kept to a minimum and any that are produced are reused within site wherever possible.