

**PPC/A/1018364 - Mersen Scotland Holytown Limited - Woodside, Eurocentral -
Variation application**

Non-Technical Summary

Mersen Scotland Holytown Limited are currently looking to expand operations at the site and a Substantial variation is now required to their existing Pollution Prevention and Control (PPC) Part A Permit

The site is expanding its current activities to include a new manufacturing plant a few yards across the road from the existing operations. Only a limited subset of the existing activities will be duplicated in the new plant, which will be focussed on the manufacture of carbon fibre insulation materials. The new activities will involve the production of rolled sheets of a viscose-based felt-like material in a two-stage thermal process carried out in three separate furnaces (2 production and one High Temperature furnace); this produces a fully consolidated and cross-linked material which can be used in the production of Insulating materials. The production of insulation boards and cylinders involves the stacking of the sheet materials followed by gluing them together using a resin and carbon powder solvent-based mixture. The layered material is then pressed and dried at around 80C.

The last step in the manufacturing process at the site is an additional high- temperature curing step carried out in batch furnaces to produce the finished insulation material.

Emissions from all furnaces at the site will be ducted to a Thermal Oxidiser for treatment before discharge to atmosphere, with emissions from the gluing and drying processes being ducted to a carbon filter abatement system.

Site investigation reports have been produced detailing the baseline condition of the new site and should permitted activities cease then these reports will be used to remove any pollutants and return the site to a satisfactory state.

There will be no process emissions to the Water Environment or to sewer from the new facility.