



TS RESINS LIMITED

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A Member of the Tennant Group (Est. 1797)

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Your Ref: EPR/UP3831ES
Our ref: EPR returns 2017
Date: 31st January 2018

Dear Mr Zachary,

I enclose the following EPR returns for TS Resins Ltd:

Form A1 – Emissions to air
Form E1 – Energy usage
Form R1 – Waste disposal and recovery
Form PA1 – Performance indicators
Form WU1 – Water usage
Sections 4.1.4 and 4.1.5 returns

During the year there were the following:

1. Monthly checks on the state of the tank farm bunds showed no leaks.
2. There were no emissions from point F516.
3. There were no fugitive emissions from valves, pumps etc. Emissions from the tank farm will be included in the PRTR returns.
4. There were no noise or odour issues that could be attributed to TS Resins operations.
5. TS Resins renewed its hazardous waste registration during the year.
6. TS Resins had no external environmental complaints. There were no internal environmental complaints or incidents.

Production is continuing to target specialist resins with lower volumes but higher margins. This has a negative effect on our energy balance as most of these resins are highly distilled and the reduction in volume affects our baseload distribution.

Submissions were made via the CIABATA energy trading agreement. During the year this was a full submission of the 2015/2016 data for the phase 2 period of the Climate Change Levy. TS Resins did not meet its target and bought carbon credits to comply.

Water use per tonne of product has been stable over the last five years.

Waste recycling on site improved to 65%, even though the waste generated per tonne of product has increased (from 0.06 to 0.08). This is partially due to better monitoring of the liquor sent to Synthite for treatment in the on-site effluent treatment plant. Specialist resins are less robust than board resins and recycling of resin, distillate and waste water streams is more difficult. Work has continued on treating wastes on site in the effluent treatment plant.

The 'Ageing Plant' programme is continuing. All reactors have been inspected as well as all tanks holding hazardous substances. The tank inspection programme resumed in 2017 with the inspection of some resin storage tanks and will continue in 2018 with the external inspection of the hazardous storage tanks and continuing with the resin tank inspection programme.

TS Resins was accredited to ISO9001 2015, ISO14001 2015 and our OHSAS18001 2007 accreditation was renewed. There were a small number of minor non-conformances as part of the transfer to the 2015 standard, which have been closed to the satisfaction of the assessor. We continue to play an active role in the CIA North Wales Responsible Care cell.

A bunding survey using CIRIA C736 guidance was submitted to NRW.

Synthite submitted their five year review of their safety report in September 2017. Discussions are currently underway with the competent authority

Yours sincerely,

Greg Hickman

A handwritten signature in black ink, appearing to be 'G. Hickman', written over a light blue horizontal line.