

**PROGRESS AGAINST TARGETS REPORT 2017
REHAU LTD, AMLWCH EP PERMIT BX6421IY – CONDITION 4.1.5**

Response:-

The Environmental Management Review 2017 took place on the 23rd February 18 confirming progress against targets as follows:-

KPI/year	2016 KPI	2017 Actual	2017 KPI	2017 KPI Objective	Objective achieved ?	2018 KPI Objective
CO2 (kg/kg dispatch weight)	0.72 kg/kg	2361.60 to	0.69 kg/kg			
Total Waste (kg)	0.06 kg/kg	149,050	0.04 kg/kg	0.054	✓	
Hazardous waste (kg)	0.02 kg/kg	47,570	0.01 kg/kg	0.022	✓	
Hazardous RECOVERED (kg)	0.02 kg/kg	47,570	0.01 kg/kg			
Hazardous DISPOSED (kg)	0.00 kg/kg	0	0.00 kg/kg			
Non-hazardous waste (kg)	0.03 kg/kg	101,480	0.03 kg/kg	0.032	✓	
Non-haz RECOVERED (kg)	0.03 kg/kg	73,560	0.02 kg/kg			
Non-haz DISPOSED (kg)	0.01 kg/kg	27,920	0.01 kg/kg			
Electricity Use (kWh)	1.33 kWh/kg	4,334,198	1.27 kWh/kg	1.320	✓	
Gas consumption (kWh)	0.68 kWh/kg	2,272,780	0.67 kWh/kg	0.671	✓	
Water consumption (tonne)	0.45 ltr/kg	1,666	0.49 ltr/kg	0.440	✗	
Product Dispatched (Kg)	2,968,373	3,403,687	<i>NOTE: ALL KPIs are calculated against kgs Dispatched</i>			

Actions :-

Progress against targets is reviewed on a monthly basis using our REHAU Werke software system. This is monitored regularly with actions taken to address any shortfalls. The actual / targets are reviewed at year end and form part of the Environmental Management Review.

Specifics

There was a 14.5% increase in Production tonnage during 2017, electricity and gas targets were achieved however, water usage exceeded target.

Electricity Consumption – The target for 2017 was 1.33 kWh per kg production, the actual achieved was 1.27 kWh/kg which was within target.

Gas – The target for 2017 was 10.68 kWh per kg production, the actual achieved was 0.67 kWh/kg which was within target. Gas is primarily used for the Regenerative Thermal Oxidiser which comes under the LAPPC Permit with Isle of Anglesey County Council.

Water – The target for 2017 was 0.45 litres per kg production, the actual achieved was 0.49 ltr/kg which exceeded the target.

Contamination of process water led to increased dumping of water after sensors in the Boll filter detected high levels of turbidity, this in turn led to an increased draw of fresh water from mains. Monitoring of the situation will continue during 2018.