

PROGRESS AGAINST TARGETS REPORT 2016 – REHAU LTD, AMLWCH AMLWCH PPC PERMIT BX6421IY

Response:-

The Environmental Management Review 2016 has taken place confirming progress against targets as follows:-

No./Environmental target	TARGET	ACTUAL	Unit	Status
1. Development of waste costs in relation to production quantity		0.01	3/kg	Green
3. Development of water quantity in relation to production quantity	0.525	0.447	l/kg	Green
4. Development of power consumption in relation to prod. quantity	1.361	1.329	kWh/kg	Green
5. Development of heating and process energy	NA	Na	NA	NA
6. Accidents at work, per 1000 employees	15	0	1000man	Green

KPIs (environment/energy)

KPI/year	2016	2015	2011
CO2 emissions (kg/kg dispatched) (source: homepage of C-EN/TBS)	0.698	0.677	0.502
waste rate hazardous waste reused quantity non-hazardous waste reused quantity (kg/kg dispatched) (source: annual waste report)	0.004	0.01	
power consumption (kWh/kg dispatched) (C-EN/TBS)	1.329	1.2678	1.065
gas consumption (kWh/kg dispatched) (C-EN/TBS)	0.710	0.471	0.160
water consumption (l/kg dispatched) (C-EN/TBS)	0.447	0.541	0.484
dispatched (weight) kg (C-EN/TNS)	2,968,036	3,678,120	4,871,498

Actions :-

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

Specifics

Although there was a 19% decrease in Production tonnage during 2016 targets were met for electricity and water.

Electricity Consumption – The target for 2016 was 1.361 kWh per kg production, the actual achieved was 1.329 which was within target

Water – The target for 2016 was 0.525 litres per kg production, the actual achieved was 0.447 which was within target

Gas – REHAU removed their target for gas at Amlwch for 2016 due to the fact that it is primarily used for the Regenerative Thermal Oxidiser which comes under the LAPPC Permit with Isle of Anglesey County Council.