

ESH Target Overview

Location: Ebbw Vale - United Kingdom

Reporting year: 2015 (FINAL)

Current date: 29.02.2016

No.	ESH Aspects or Topic	Objectives	Indicators	Targets (in %)	Values of previous year	Values YTD, latest end of reporting year	Realized value (in %)	Remarks
1	Use of energy (direct / indirect)	Reduction of total energy consumption	kWh energy / 1000 product parts	-3	1.45	1.30	-10.26	Target positively exceeded as a result of implemented projects and number of parts produced significantly higher than budget.
2	Use of energy (direct / indirect)	Reduction of CO ₂ emissions	t CO ₂ / 1000 product parts	-3	1047.00	825.00	-21.20	Target positively exceeded as a result of implemented projects and number of parts produced significantly higher than budget.
3	Use of water	Reduction of total water consumption	m ³ water / 1000 product parts	-3	6.90	8.20	18.84	Target not realised as a result of significantly higher volume of ZINi parts produced which require a far higher quantity of rinsewater than that of Zn.
4	Waste	Reduction of total waste generation	t waste / 1000 product parts	-3	2.88	3.31	15.13	Target not realised as a result of higher levels of liquid waste generated with plating process
5	Waste	Increase of the recycling rate	t recycling waste / t total waste x 100	+2	83.00	73.00	-12.05	Target not realised as a result of higher levels of liquid waste generated with plating process
6	significant aspect 1	Reduction in effluent sludge volumes	t waste / 1000 product parts	-2%	0.02	0.02	0	Target realised as issues related to effluent dewatering process were resolved.
7	significant aspect 2	Reduction of cardboard boxes & wooden crates & pallets.	Greater use of returnable packaging	-10%	110000.00	103000.00	-6.3636364	Introduction of Jumbo bags into Bellier (aluminium castings). Returnable packaging also being introduced with Casting UK Ltd.
8	significant aspect 3	Rationalisation of freight utilisation	Consequent reduction in energy use & emissions	-5%	912331.00	888000.00	-2.6669049	A good result given higher than budgeted sales volumes, see P3 charts for further information.
9	Safety	Seek reduction to minor injury rate	Frequency of injuries undet internal KPI system	-5%	20.00	28.00	29	Target not achieved, this is a disappointing result given that during the same period no LTA's were recorded for the 2nd year in succession.
10	Health	Attain bronze standard of WAG Corporate Health Award Wales	health & lifestyle issues that may affect work capability	100%	0.00	0.90	90	Management systems in place. WAG assessment arranged for Q1 - 2016.