

ESH Target Overview

Location: Ebbw Vale - United Kingdom

Reporting year: 2016

Current date: 03.02.2017

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	1.30	2.20	68.84	Production increase due to high customer demands, therefore compressors running additional hours that was not budgeted and planned. Potential to fit control system to accomodate for this.
2	Use of energy (direct / indirect)	Reduction of CO ₂ emissions	t CO2 / 1000 product parts	-3	825.00	1207.00	46.30	As per above explanation.
3	Use of water	Reduction of total water consumption	m ³ water / 1000 product parts	-3	8.20	10.33	25.98	This is a credible result given staining on ZINi parts has required additional rinsing & rinse tank dumps between process changes. Poor M/C shop performance meant that more process change overs have taken place than originally planned.
4	Waste	Reduction of total waste generation	t waste / 1000 product parts	-3	3.98	4.8	#REF!	Plan to generate clean energy from waste will now carry over into 2017.
5	Waste	Increase of the recycling rate	t recycling waste / t total waste x 100	+2	73.00	80%	#REF!	A good result, plan to generate clean energy from waste will commence in February 2017.
6	significant aspect 1	Seek reduction in effluent sludge volumes	t waste / 1000 product parts	-2%	0.02	0.03	7%	A credible result given large increase in rework, due to poor casting quality & failed ultrasonic units has caused an increase in sludge production. These matters have now been addressed by end Q/3 and plans to deal with such issues more effectively.
7	significant aspect 2	Seek reduction in disposal of liquid non. Filter cake hazardous waste from plating process.	t waste / 1000 product parts	-20%	93.00	74.58	19%	Greater capability to treat liquid waste now available 'in-house' rather than be tankered off site.
8	significant aspect 3	Seek to reduce frequency and levels of monitoring associated contaminated land & remediation project	Consequent reduction in costs associated with monitoring & reporting whilst maintaining ongoing compliance.	-20%	26000.00	23000.00	12%	Good progress made during the period, see tab for long term strategic plan.
9	Safety	Seek reduction to minor injury rate	Frequency of injuries undet internal KPI system	-5%	28.00	30.00	10%	See tab for specific ongoing actions to address issues highlighted.
10	Health	Attain silver standard of WAG Corporate Health Award Wales	health & lifestyle issues that may affect work capability	100%	0.00	0.80	80%	On schedule to undergo assessment in conjunction with WAG at the end of Q2/2017