

Permit Reference Number: DP3430LX

Operator: TRW Limited

Installation: TRW Automotive

Form Number: E1

Reporting of Energy Usage for the year2017

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	3.65 MWh	8.76	1.418
Natural Gas	98682 m ³	0.08	0.016
Gas Oil	0 tonnes		
TOTAL	-	8.84	1.434

* Conversion factor for delivered electricity to primary energy = 2.4

Trends in Energy Usage		
Year	Primary Energy usage	CO ₂ produced
2013	4.938 MWh	0.820 Tonnes
2014	9.57 MWh	1.622 Tonnes
2015	9.568 MWh	1.612 Tonnes
2016	8.87 MWh	1.439 Tonnes
2017	8.84 MWh	1.434 Tonnes

Operator's comments:

The site now has significant sub-metering in place to allow more accurate measurement of electricity and gas usage associated with permitted activities as opposed to previous years where usage was estimated.

Gas Conversion m³ = (m³ * 29.31) / 35 / 1000000 MWh

The conversion factors used to calculate the CO₂ produced were taken from the sector guidance H2 section 3.1 and were 190 for natural Gas and 166 for electricity. ((MWh * CO₂ factor) / 1000)

2017 Conversion factor for delivered electricity to primary energy = 2.4



Signed
(Authorised to sign as representative of TRW Limited)

Date..... 15/01/18

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Form Number: WU1

Reporting of Water Usage for the year2017

Water Source	Usage (m ³)	Specific Usage (m ³ /1000 parts)
Mains water	44685	5.6
TOTAL WATER USAGE	44685	

Trends in Water Usage		
Year	Named Parameter	Total Water usage
2013	Town's Mains	39385
2014	Town's Mains	46302
2015	Town's Mains	52422
2016	Town's Mains	53254

Operator's comments:

	2016	2017
Zinc Plated	1,715,021	1,283,653
Zinc Nickel	3,638,330	4,099,560
Anodised	3,738,395	2,625,969



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Form Number: R1

Reporting of Waste Disposal and Recovery for the year2017.....

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
1a) Hazardous Wastes - Solid	Landfill	80.92	6.18
1b) Hazardous Wastes - Liquids	Chemical Treatment	1175.24	
2) Non-Hazardous Wastes			
TOTAL WASTE	-	1256.16	6.18

Trends in Waste Disposal and Recovery		
Year	Named Waste Parameter	Total Waste
2013	644.28	644.28
2014	885.275	885.275
2015	867.84	867.84
2016	1165.99	1165.99
2017	1262.34	1262.34

Operator's comments:

	2016	2017
Zinc Plated	1,715,021	1,283,653
Zinc Nickel	3,638,330	4,099,560
Anodised	3,738,395	2,625,969



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