

Permit Reference Number: DP3430LX

Operator: TRW Limited

Installation: TRW Automotive

Form Number: R1

Reporting of Waste Disposal and Recovery for the year2018.....

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
1a) Hazardous Wastes - Solid	Landfill	88.44	
1b) Hazardous Wastes - Liquids	Chemical Treatment	1084.06	
2) Non-Hazardous Wastes			
TOTAL WASTE	-	1172.50	

Trends in Waste Disposal and Recovery Year	Parameter	Total Waste
2014	Named Waste	885.275
2015		867.84
2016		1165.99
2017		1262.34
2018		1172.50

Operator's comments:

	2016	2017	2018
Zinc Plated	1,715,021	1,283,653	911,033
Zinc Nickel	3,638,330	4,099,560	4,210,039
Caliper Anodised			391,298
Drum Anodised	3,738,395	2,625,969	757,260



Signed ...
(Authorised to sign as representative of TRW Limited)

Date:28/01/19.....

Date of form: 05/12/2013

Permit Reference Number: DP3430LX

Operator: TRW Limited

Installation: TRW Automotive

Form Number: WU1

Reporting of Water Usage for the year2018.....

Water Source	Usage (m ³)	Specific Usage (m ³ /1000 parts)
Mains water	35201	5.6
TOTAL WATER USAGE	35201	

Trends in Water Usage		
Year	Named Parameter	Total Water usage
2014	Town's Mains	46302
2015	Town's Mains	52422
2016	Town's Mains	53254
2017	Town's Mains	44685

Operator's comments:

	2016	2017	2018
Zinc Plated	1,715,021	1,283,653	911,033
Zinc Nickel	3,638,330	4,099,560	4,210,039
Calliper Anodised			391,298
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Installation: TRW Automotive

Form Number: E1

Reporting of Energy Usage for the year2018.....

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	3.41 MWh	8.18	1.325
Natural Gas	80712 m ³	0.065	0.013
Gas Oil	0 tonnes		
TOTAL	-	8.245	1.338

* 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
2018	8.25 MWh	1.338 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 $m^3 = ((m^3 \times 29.31) / 35) / 1000000$ 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. $(MWh \times CO_2 \text{ factor}) / 1000$

2018 Conversion factor for delivered electricity to primary energy = 2.4

Signed

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Date.....28/01/19.....

Date of form: 05/12/2013

