

Permit Reference Number: DP3430LX

Operator: TRW Limited

Installation: TRW Automotive

Form Number: S1

Reporting of Emissions to Sewer for the period from01/07/15.....to.....31/12/15.....

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/ Certification ^[4]	Uncertainty ^[5]
S1	Zinc	5.0mg/l	10.4	WAS-049	26/11/15	UKAS	6.3 – 10.1 %
S1	Nickel	2.0mg/l	0.1	WAS-049	All readings	UKAS	7.1 – 8.9 %
S1	Chromium	4.0mg/l	0.1	WAS-049	All readings	UKAS	-
S1	Copper	2.0mg/l	0.1	WAS-049	All readings	UKAS	8 – 10.4 %
S1	pH	6 – 11 ^[6]	7.45 Max 6.94 Min	WAS-049	29/10/15 26/11/15	UKAS	-

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated. The following uncertainties are quoted on a different basis (basis as stated) – The basis of any other uncertainty figure needs to be stated. Where no figure is available Natural Resources Wales will need to agree an appropriate uncertainty value.

[6] The emission limit values for {pH} are expressed as minimum and maximum individual values.



Signed
(Authorised to sign as representative of TRW Limited)

Date.....29/01/16.....

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Reporting of Waste Disposal and Recovery for the year2015.....

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
1a) Hazardous Wastes - Solid	Landfill	21.6	2.92
1b) Hazardous Wastes - Liquids	Chemical Treatment	846.24	
2) Non-Hazardous Wastes			
TOTAL WASTE	-	867.84	2.92

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

Operator's comments :

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Date29/01/16.....

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Form Number: E1

Reporting of Energy Usage for the year2015.....

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh	8.568	1.422
Natural Gas	tonnes	1.0	0.190
Gas Oil	tonnes		
TOTAL	-	9.568	1.612

* 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

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.
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.



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Form Number: WU1

Reporting of Water Usage for the year2015.....

Water Source	Usage (m ³)	Specific Usage (m ³ /t)
Mains water	52422	
TOTAL WATER USAGE	52422	

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

Operator's comments :

The increase in water usage in 2015 is due to the increased production on the Zinc Nickel Plating process



Signed ...

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Date.....29/01/16.....