

Permit Reference Number: DP3430LX

Operator: TRW Limited

Installation: TRW Automotive

Form Number: E1

Reporting of Energy Usage for the year2019.....

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	2.87 MWh	8.18	1.144
Natural Gas	53644 m ³	0.045	0.009
Gas Oil	0 tonnes		
TOTAL	-	8.225	1.123

Trends in Energy Usage		
Year	Parameter	
	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

* Conversion factor for delivered electricity to primary energy = 2.4

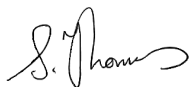
Operator's comments:

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)

2018 Conversion factor for delivered electricity to primary energy = 2.4



Signed

(Authorised to sign as representative of TRW Limited)

Date.....27/01/20.....

Date of form: 05/12/2013