

Permit Reference Number: KP3235SS.

Operator: IQE (Europe) Limited.

Installation: IQE (Europe) Limited, Pascal Close, St. Mellons, Cardiff, CF3 0LW.

Form: R1.

Reporting of Waste Disposal & Recovery for the year 2018.

Hazardous Wastes	Tonnes (T)	Comment	Year	Named Waste (T)	Total Waste (T)	Waste per Unit Output (in ² wafer used)(Grammes)
Named hazardous wastes	526.61	Weighed	2005	184.2	184.2	0.0039g
Other hazardous wastes			2006	204.5	204.5	0.0036g
			2007	175.5	175.5	0.0023g
Total hazardous waste	526.61		2008	195.6	195.6	0.0058g
			2009	170.6	170.6	0.0014g
Non-Hazardous Wastes			2010	259.14	259.14	0.0014g
Named non- hazardous wastes	16.80	Weighed	2011	250.45	250.45	0.0012g
Other non- hazardous wastes			2012	278.44	278.44	0.0016g
			2013	343.00	343.00	0.0018g
Total non- hazardous waste	16.80*		2014	323.035	323.035	0.0015g
			2015	431.6	431.6	0.0016g
TOTAL WASTE	543.41		2016	414.81	414.81	0.0011g
			2017	550.54	550.54	0.0006g

Operator's Comments:

Waste per unit output = Hazardous + Non-hazardous / in² of wafers used.

Wafers used in 2018 = 804,054.51 in²

Waste per unit output in 2018 = 0.0006g

* Non – hazardous wastes.

7.5% landfilled – 1.27tonnes.

92.5% diverted for re-use or recycling – 15.54tonnes.

 Recoverable Signature

X

23 JAN 2019

HSE Engineer

Signed by: andrewpatterson@iqep.com

*Authorised to sign as a representative of the Operator.

Date of Form: 21/01/2014

Permit Reference Number: KP3235SS

Operator: IQE (Europe) Limited

Installation: IQE (Europe) Limited, Pascal Close, St. Mellons, Cardiff, CF3 0LW

Form: W1

Release for year ending: 31/12/2018.

Activity	Use	Amount used for year (m ³)	% of Total	Amount used Previous year (m ³)	% Change
Mains water received	Supply	3315			
Other	Domestic				
	Total water use	3315	100%	2942	+13%

 Recoverable Signature

X



HSE Engineer
Signed by: andrewpatterson@iqep.com

23 JAN 2019

* Authorised to sign as a representative of the Operator.

Date of Form: 21/01/2014

Permit Reference Number: KP3235SS

Operator: IQE (Europe) Limited

Installation: IQE (Europe) Limited, Pascal Close, St. Mellons, Cardiff, CF3 0LW

Form: E1

Reporting of Energy usage for the year: **2018**

		Year	Primary Energy Usage	CO ₂ Produced	CO ₂ per unit output (in ² wafer used)(Grammes)
Delivered Electricity (Mwh)	5200.90	2008	10,589.8	1757.9	0.0052g
		2009	9404	1561	0.0013g
Primary Electricity (Mwh)*	12482.15	2010	9428.75	1565.17	0.0088g
		2011	8649.69	1435.84	0.0068g
Primary Carbon Dioxide (Tonnes)**	2072.04	2012	9463.34	1439.28	0.0085g
		2013	9425.05	1445.13	0.0079g
Delivered Gas (Mwh)	1436.66	2014	8205.37	1362.09	0.0063g
		2015	8641.50	1434.49	0.0053g
TOTAL ENERGY USE (Mwh) (primary electricity + gas)	13918.81	2016	9321.82	1547.42	0.0044g
		2017	12202.56	2025.62	0.0023g

*Conversion factor for primary electricity = delivered electricity X 2.4

** Conversion factor for primary carbon dioxide = primary electricity x 0.166

 Recoverable Signature

X

HSE Engineer

Signed by: andrew.patterson@iqep.com

23 JAN 2019

Operator's Comments:

CO₂ per unit output = primary CO₂ / wafers used

In² wafers used 2018 = 804054.51

CO₂ per unit output = 0.0025g

Date of Form: 21/01/2014