

IQE Silicon Compounds Ltd

RELEASE INTO AIR

Release Summary for 12 months ending 31/12/2018

Operator: IQE Silicon Compounds Ltd

Permit Number: BJ6968

Location: St. Mellons

Release Points **A1 - A6**

Release points shall be sampled on an annual basis

Release Point Number (A1-A6, A26-A37)							
		A1	A2	A3	A4	A5	A6
Substance g/hr	Date Sampled	06.11.18	05.11.18	06.11.18	05.11.18	--	--
Total Silanes (g/hr)		0.001630	0.000467	0.000688	0.000449	X	X
Arsine (g/hr)		0.002334	0.002336	0.002295	0.002247	X	X
Phosphine (g/hr)		0.001164	0.000467	0.000918	0.001348	X	X
Diborane (g/hr)		0.001863	0.001870	0.001836	0.001798	X	X
Germane (g/hr)		0.000047	X	X	0.000045	X	X

Note 1: Columns to be annotated with appropriate Release Point Number. Use additional copies of the form as required.
X - denotes gas not used on the reactor
--' - denotes reactor shut down

Signed on behalf of Operator:



Dated: 09/01/2019

Form A2(Version date 30/04/01)

IQE Silicon Compounds Ltd

Environmental Releases From Energy Usage

Release Summary for 12 months ending 31/12/18

Operator: IQE Silicon Compounds Ltd

Permit Number: BJ6968

Location: St. Mellons

Energy Source	Annual emissions to the environment, kg ¹			
	CO ₂ as C	SO ₂	Nox	Particulates
Electricity	298570	3260	1983	1331.1
Gas	1970	0	12	0.1
Total	300541	3260	1996	1331.2

Note 1: This data should be estimated using appropriate emission factor for gas and electricity, recorded below.

Gas: See attached form

Electricity: See attached form

Signed on behalf of the Operator:



Dated: 09/01/2019

Form E1(Version date 30/04/01)