



IQE Silicon Compounds  
Beech House  
Cypress Drive  
St Mellons  
Cardiff  
CF3 0LW

T. +44 (0)29 2083 7500  
F. +44 (0)29 2083 7501  
www.iqesilicon.com  
E. info@iqesilicon.com

**Ref: PPC Permit No.: BJ6968IY**

Dear Elizabeth, Please find attached: **IQE Silicon Compounds Monitoring Returns Forms**

There was no monitoring undertaken at the Silicon facility in half 2 of 2024. We began decommissioning the site this year which meant that we weren't running any reactors and therefore not emitting to the environment.

The facility is looking to change hands once we have removed the decommissioned tools from the site. The current status of the reactors is disconnected from power and gas supply lines awaiting for the buyer to come package and remove them.

All substances on site are being removed responsibly through our waste removal company Saddleto. Bubbler materials have mostly been removed with the only remaining gases being the bulk supply gases such as Silane and Hydrogen.

Regards



Senior HSE Lead.

# **IQE Silicon Compounds Ltd**

## **RELEASE INTO AIR**

### **Release Summary for 6 months ending 31/12/24**

**Operator:** IQE Silicon Compounds Ltd (IQE Silicon) **Permit Number:** BJ69681Y  
**Location:** St. Mellons **Parameter:** Hydrogen Chloride (mg/m3)

Release points shall be sampled on a six-monthly basis

All results below are measured in mg/m3

Date Sampled	Release Point Number					
	A1	A2	A3	A4	A5	A6

**Hydrogen Chloride Limit:** 10mg/m3

**Note 1:** Columns to be annotated with appropriate Release Point Number. Use additional copies of the form as required.

**Note 2:** Release point A6 is currently not in use

**Signed on behalf of Operator:**  **Form: A1**

**Dated:** 31/01/2025

# **IQE Silicon Compounds Ltd**

## **RELEASE TO SEWERS**

**Release summary for 6 months ending 31/12/24**

**Operator:** IQE Silicon Compounds Ltd **Permit Number:** BJ6968

**Location:** St. Mellons **Release Points** **S1**

Release points shall be sampled once every six months, and results submitted on a six-month basis.

<b>Parameter</b>		
	<b>Suspended Solids mg/l</b>	<b>pH</b>
Maximum	21	9.0
Minimum	21	9
Average	21.00	9.00

**Limits:** Suspended Solids 400mg/l **pH:** between 6 and 11

**Signed on behalf of Operator:** **Form S1**

**Dated:** 31/01/2025



# IQE Silicon Compounds Ltd

## RELEASE INTO AIR

Release Summary for 12 months ending 31/12/2024

Operator: IQE Silicon Compounds Ltd

Permit Number: BJ69681Y

Location: St Mellons

Release Points A1 - A6

Release points shall be sampled on an annual basis

		Release Point Number (A1-A6, A26-A37)					
		A1 North1	A2 North 2	A3 North 3	A4 South 1	A5 South 2	A6
Substance g/hr							
Total Silanes (g/hr)							X
Arsine (g/hr)							X
Phosphine (g/hr)							X
Diborane (g/hr)							X
Germane (g/hr)							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:



Form A2

Dated: 31/01/2025