

Permit Number: EPR/BU5453IY
Operator: AGC Chemicals Europe Limited
Facility: AGC Chemicals Europe, Hillhouse

Form Number: Air 1 / 2017

A14 - Reporting of Continuously Monitored Emissions to Air for Particulate matter for the month of October, November December 2022

No operation.

Thermal Oxidiser remained offline in Q4 while undergoing repair as discussed with EA. Recommissioning is planned for Q1 2023.

Signed*: [REDACTED]

Date: 31/01/2023

(*authorised to sign as representative of AGC Chemicals Europe Limited)

Permit Number: EPR/BU5453IY
Operator: AGC Chemicals Europe Limited
Facility: AGC Chemicals Europe, Hillhouse

Form Number: Air 2 / 2017

A14 - Reporting of Continuously Monitored Emissions to Air for Total Organic Carbon (TOC) for the month of October, November December 2022

No operation.

Thermal Oxidiser remained offline in Q4 while undergoing repair as discussed with EA. Recommissioning is planned for Q1 2023.

Signed*: 

Date: 31/01/2023

(*authorised to sign as representative of AGC Chemicals Europe Limited)

Permit Number: EPR/BU5453IY
Operator: AGC Chemicals Europe Limited
Facility: AGC Chemicals Europe, Hillhouse

Form Number: Air 3 / 2017

A14 - Reporting of Continuously Monitored Emissions to Air for Hydrogen Chloride for the month of October, November December 2022

No operation.

Thermal Oxidiser remained offline in Q4 while undergoing repair as discussed with EA. Recommissioning is planned for Q1 2023.

Signed*: [REDACTED]

Date: 31/01/2023

(*authorised to sign as representative of AGC Chemicals Europe Limited)

Permit Number: EPR/BU5453IY
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Facility: AGC Chemicals Europe, Hillhouse

Form Number: Air 4 / 2017

A14 - Reporting of Continuously Monitored Emissions to Air for Hydrogen Fluoride for the month of October, November December 2022

No operation.

Thermal Oxidiser remained offline in Q4 while undergoing repair as discussed with EA. Recommissioning is planned for Q1 2023.

Signed* 

Date: 31/01/2023

(*authorised to sign as representative of AGC Chemicals Europe Limited)

Permit Number: EPR/BU5453IY
Operator: AGC Chemicals Europe Limited
Facility: AGC Chemicals Europe, Hillhouse

Form Number: Air 5 / 2017

A14 - Reporting of Continuously Monitored Emissions to Air for Carbon Monoxide for the month of October, November December 2022

No operation.

Thermal Oxidiser remained offline in Q4 while undergoing repair as discussed with EA. Recommissioning is planned for Q1 2023.

Permit Number: EPR/BU5453IY
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Form Number: Air 6 / 2017

A14 - Reporting of Continuously Monitored Emissions to Air for Oxides of Nitrogen for the month of October, November December 2022

No operation.

Thermal Oxidiser remained offline in Q4 while undergoing repair as discussed with EA. Recommissioning is planned for Q1 2023.

Signed*: 

Date: 31/01/2023

(*authorised to sign as representative of AGC Chemicals Europe Limited)

Permit Number: EPR/BU5453IY
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Facility: AGC Chemicals Europe, Hillhouse

Form Number: Air 9 / 2017

A14 - Reporting of Continuously Monitored Emissions to Air for Sulphur Dioxide for the month of October, November December 2022

No operation.

Thermal Oxidiser remained offline in Q4 while undergoing repair as discussed with EA. Recommissioning is planned for Q1 2023.

Signed*: [REDACTED]

Date: 31/01/2023

(*authorised to sign as representative of AGC Chemicals Europe Limited)

Permit Number: EPR/BU5453IY
 Operator: AGC Chemicals Europe Limited
 Facility: AGC Chemicals Europe, Hillhouse

Form Number: Air 7 / 2017

A14 - Reporting of periodically monitored emissions to air for the period from ...October 2022... to ...December 2022...

Emission Point	Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method	Result Date and Time [2]	Uncertainty [3]	Comments
A14	Total Organic Carbon	No limit applies	Tonnes annually	-	Calculation	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Sulphur dioxide	100 mg/m ³	Periodic over minimum 1-hour period	-	BS EN 14791	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Cadmium & thallium and their compounds (total)	0.05 mg/m ³	Periodic over minimum 30 minute, maximum 8 hour period	-	BS EN 14385	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Mercury and its compounds	0.05 mg/m ³	Periodic over minimum 30 minute, maximum 8 hour period	-	BS EN 13211	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V and their compounds (total)	0.5 mg/m ³	Periodic over minimum 30 minute, maximum 8 hour period	-	BS EN 14385	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dioxins / Furans (I-TEQ)	0.1 ng/m ³	Periodic over minimum 6 hour, maximum 8 hour period	-	BS EN 1948 Parts 1, 2 and 3	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dioxins / furans (WHO-TEQ Humans / Mammals)	No limit applies	Periodic over minimum 6 hour, maximum 8 hour period	-	BS EN 1948 Parts 1, 2 and 3	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dioxins / furans (WHO-TEQ Fish)	No limit applies	Periodic over minimum 6 hour, maximum 8 hour period	-	BS EN 1948 Parts 1, 2 and 3	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dioxins / furans (WHO-TEQ Birds)	No limit applies	Periodic over minimum 6 hour, maximum 8 hour period	-	BS EN 1948 Parts 1, 2 and 3	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dioxin-like PCBs (WHO-TEQ Humans / Mammals)	No limit applies	Periodic over minimum 6 hour, maximum 8 hour period	-	BS EN/TS 1948-4	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dioxin-like PCBs (WHO-TEQ Fish)	No limit applies	Periodic over minimum 6 hour, maximum 8 hour period	-	BS EN/TS 1948-4	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dioxin-like PCBs (WHO-TEQ Birds)	No limit applies	Periodic over minimum 6 hour, maximum 8 hour period	-	BS EN/TS 1948-4	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.

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Emission Point	Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method	Result Date and Time [2]	Uncertainty [3]	Comments
A14	Specific individual poly-cyclic aromatic hydrocarbons (PAHs)							
A14	Total	No limit applies	Periodic over minimum 6 hour, maximum 8 hour period	-	BS ISO 11338 Parts 1 and 2	-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Anthanthrene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Benzo(a)anthracene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Benzo(b)fluoranthene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Benzo(k)fluoranthene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Benzo(b)naph(2,1-d)thiophene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Benzo(c)phenanthrene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Benzo(ghi)perylene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Benzo(a)pyrene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Cholanthrene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Chrysene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Cyclopenta(c,d)pyrene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dibenzo(ah)anthracene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Dibenzo(a,i)pyrene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Fluoranthene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.

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Emission Point	Parameter	Emission Limit Value	Reference Period	Result [1]	Test Method	Result Date and Time [2]	Uncertainty [3]	Comments
A14	Indo[1,2,3-cd]pyrene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.
A14	Naphthalene	No limit applies		-		-		Thermal Treatment Plant offline for the duration of Q4 2022. No test undertaken.

- [1] For dioxins and dioxin-like PCBs, the result are to be reported as a range based on: All congeners less than the detection limit assumed to be zero as a minimum, and all congeners less than the detection limit assumed to be at the detection limit as a maximum
- [2] The date and time of the sample that produced the result is given.
- [3] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed* XXXXXXXXXX

Date: 31/01/2023

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