

Permit Number: EPR/PP3834CB

Operator: Ceramtec UK Ltd

Facility: Ruabon

Form Number: Air 1

Date : 26/2/2019.

Reporting of Emissions to Air for the period from January 2019 to December 2019.

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/Certification ^[4]	Uncertainty ^[5]
B6	Lead	4kg/yr	0.14kg	BS EN 14385: 2004	9/5/19	UKAS MCERTS	± 0.0451
B6	Particulates	22.6kg/yr	1.24kg	BS EN 13284:2002	10/5/2019	UKAS MCERTS	± 0.2
B7	Lead	0.2 mg/m ³	0.0206 mg/m ³	BS EN 14385: 2004	9/5/2019	UKAS MCERTS	± 0.0022
B7	Particulates	2 mg/m ³	0.2 mg/m ³	BS EN 13284:2002	10/5/2019	UKAS MCERTS	± 0.02
B24	Lead	1.3kg/yr	0.31 kg	BS EN 14385: 2004	14/6/2019	UKAS MCERTS	± 0.0462
B24	Particulates	3.3kg/yr	1.23 kg	BS EN 13284:2002	14/6/2019	UKAS MCERTS	± 1.6

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. gas chromatography.

[3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

B6 has improved drastically after a complete rebuild over the Christmas/New Year holiday 2018/19

Rhian Newton

(authorised to sign as representative of the Operator)

Digitally signed by Rhian Newton

Date: 2020.02.26 17:53:53 Z

Permit Number: EPR/PP3834CB

Operator: Ceramtec UK Ltd

Facility: **Ruabon Electroceramics**

Form Number: **Sewer 1**

Date: 26/2/2019

Reporting of Emissions to Sewer for the period from July 2019 to December 2019.

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/Certification ^[4]	Uncertainty ^[5]
S1	Lead	0.5 mg/l	0.109	TM152	12/11/2019	MCERTS	TBA
S1	Zinc	2 mg/l	0.0102	TM152	12/11/2019	MCERTS	TBA

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Rhian Newton

(authorised to sign as representative of the Operator)

 Digitally signed by Rhian Newton
Date: 2020.02.26 17:56:41 Z

Permit Number: EPR/PP3834CB

Operator: Ceramtec UK Ltd

Facility: Ruabon

Form Number: Sewer 1

Date: 26/2/2020.

Reporting of Emissions to Sewer for the period from January 2019 to June 2019.

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Accreditation/Certification ^[4]	Uncertainty ^[5]
S1	Lead	0.5 mg/l	0.152	TM152	5/2/2019	MCERTS	
S1	Zinc	2 mg/l	0.00243	TM152	5/2/2019	MCERTS	

[1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.

[2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with the Agency is used, then the appropriate identifier is given. In other cases the principal technique is stated, e.g. colorimetry.

[3] For non-continuous measurements the date and time of the sample that produced the result is given.

[4] The accreditation status of the equipment and/or the monitoring organisation, as appropriate, for the methods used for both sampling and analysis.

[5] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Rhian Newton

(authorised to sign as representative of the Operator)



Digitally signed by Rhian Newton

Date: 2020.02.26 17:54:32 Z

Permit Number: EPR/PP3834CB

Operator: Ceramtec UK Ltd

Facility: Ruabon

Form Number: **Waste 1**

Date: **26/2/20.**

Reporting of Waste Disposal and Recovery

Waste Description	Disposal Route	Tonnes	Recovery Tonnes
1) Hazardous Waste			
Includes effluent sludge			
Total hazardous waste		232	70
2) Non-Hazardous Wastes			
Total non-hazardous waste		71	70
TOTAL WASTE	-	303	140

Trends in Waste Disposal and Recovery			
Year	Parameter Hazardous waste (t) / Prod compound (t)	Non hazardous waste (t) / Prod compound (t)	Total waste (t) / production (t)
2019	2.24	1.04	3.28

Operator's comments:

Signed: **Rhian Newton**
(authorised to sign as representative of the Operator)

 Digitally signed by Rhian Newton
Date: 2020.02.26 17:55:07 Z

Permit Number: EPR/PP3834CB

Operator: Ceramtec UK Ltd

Facility:

Form Number: **Water Use 1**

Date: 26/02/2019

Reporting of Water Usage

Water Source	Usage (m ³)	Specific Usage (m ³ /t)
Mains water	8298	61.5
TOTAL WATER USAGE	8298	61.5

Trends in Water Usage		Total Water usage	Water per tonne electroceramic product
Year	Parameter		
2019	M3	8300	61.5

Operator's comments :

Rhian Newton

(authorised to sign as representative of the Operator)

 Digitally signed by Rhian Newton
Date: 2020.02.26 17:55:31 Z

Permit Number: EPR/PP3834CB

Operator: Ceramtec UK Ltd

Facility: **Ruabon Electroceramics**

Form Number: **Energy 1**

Date: **7th January '15.**

Reporting of Energy Usage for the year 2019

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	4,269,988kWh	4,270 MWh	
Gas	1,410,419kWh	1,410 MWh	
TOTAL	6,748 MWh	6750 MWh	2078

Trends in Energy Usage			
Year	Parameter Primary Energy usage	CO ₂ produced	CO ₂ per tonne Electroceramic product
2019	6748	2078	15.4

Operator's comments :

Rhian Newton

(authorised to sign as representative of the Operator)

 Digitally signed by Rhian Newton
Date: 2020.02.26 17:55:50 Z

Permit Number: EPR/PP3834CB

Operator: Ceramtec UK Ltd

Facility: **Ruabon**

Form Number: **Performance 1** Date: 26/2/2019

Environmental Performance Indicators

Parameter	Annual Average	Units
Hazardous waste disposal	162	T/yr
Non hazardous waste disposal	1	T/yr

Trends in Environmental Performance		
Year	Parameter	
	Hazardous waste disposal (t) / Electroceramic product (t)	Non hazardous waste disposal (t) / Electroceramic product (t)
2019	1.2	0.007

Operator's comments :

Rhian Newton

(authorised to sign as representative of the Operator)



Digitally signed by Rhian Newton

Date: 2020.02.26 17:56:10 Z