

Permit Number: EPR/BB3790FX

Operator: ALUK (GB) Limited

Facility: Chepstow Aluminium Treatment Plant

Form Number: Air1 / 24/06/20

Reporting of emissions to air for the period from 01/01/2021 to 31/12/2021

Emission Point	Substance / Parameter	Emission		Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
		Limit Value	Reference Period				
A1	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	70 mg/m ³	Periodic (average over hour)	0.25mg/m ³	BS EN 14792: 2017	06/10/2021 09.45 – 10.45	3%
A1	Sulphur dioxide	25 mg/m ³	Periodic (average over hour)	0.11mg/m ³	BS EN 14791:2017	06/10/2021 09.30 – 10.32	13%
A1	Particulate matter	25 mg/m ³	Periodic (average over hour)	0.35mg/m ³	BS EN 13284-1:2017 & MID	06/10/2021 09.30 – 10.32	85%
A1	Hydrogen fluoride	2.0 mg/m ³	Periodic (average over hour)	0.08mg/m ³	BS ISO 15713:2006 & MID	06/10/2021 11.05 – 12.05	13%
A2	Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	70 mg/m ³	Periodic (average over hour)	0.22mg/m ³	BS EN 14792: 2017	05/10/2021 15.46 – 16.46	3%
A2	Sulphur dioxide	25 mg/m ³	Periodic (average over hour)	0.11mg/m ³	BS EN 14791:2017	05/10/2021 12.20-13.22	13%
A2	Particulate matter	25 mg/m ³	Periodic (average over hour)	0.48mg/m ³	BS EN 13284-1:2017 & MID	05/10/2021 12.20 – 13.22	64%
A2	Hydrogen fluoride	2.0 mg/m ³	Periodic (average over hour)	0.07mg/m ³	BS ISO 15713:2006 & MID	05/10/2021 14.00 – 15.00	13%

- [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 Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example 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 uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed*Anna Plesniar*.....

Date.....*31/01/2022*.....

(Authorised to sign as representative of Operator)

Permit Number: EPR/BB3790FX Operator: ALUK (GB) Limited
 Facility: Chepstow Aluminium Treatment Plant Form Number: WaterUsage1 / 24/06/20

Reporting of Water Usage for the year 2021

Water Source	Usage (m ³ /year)	Specific Usage (m ³ /tonne output)
TOTAL WATER USAGE	13,396 m ³ /year	3.11 m ³ /tonnes output

Operator's comments:

Finished Product: 4 302 260 kg div by 1000 = 4302.26 tonnes

13,396 m³ div by 4302.26 t = 3.11 m³/tonnes output

Tonnes used instead of units as a metric to normalise the variation in profile size and weight

Signed *Anna Plesniar*

Date.....*31/01/2022*.....

(authorised to sign as representative of Operator)

Permit Number: EPR/BB3790FX Operator: ALUK (GB) Limited

Facility: Chepstow Aluminium Treatment Plant Form Number: Performance1 / 24/06/20

Reporting of other performance indicators for the period 01/01/2021 to 31/12/2021

Parameter	Result
Finished Product (Tonnes)	4302.26 tonnes
Waste Produced (Tonnes)	488.66 tonnes

Operator's comments:

Finished Product: 4 302 260 div by 1000 = 4302.26 tonnes
Waste Produced: 488.66 tonnes

Signed *Anna Plesniar*

Date.....*31/01/2022*.....

(Authorised to sign as representative of Operator)