

Permit Reference Number: BX94551F

Operator: SAPA Aluminium Extrusion Limited

Installation: SAPA Aluminium Extrusion, Bedwas Plant

Form Number: S1

Reporting of Emissions to Sewer for the year 2014.....

Emissions to Sewer

Emission Point	Substance / Parameter	Emission Limit Value	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Accreditation/Certification <sup>[4]</sup>	Uncertainty <sup>[5]</sup>
S1	Aluminium	Not applicable	19.1	MBNAM/15BN 011752444	19/2/14	UKAS 1314	10.0%
S1	Cadmium and its compounds	0.01 mg/l <sup>[6]</sup>	20.0006	15BN 01175324444	19/3/14	"	6.6%
S1	Cadmium and its compounds	0.01 kg/year <sup>[7]</sup>		"	20/1/14	"	6.6%
S1	Chromium (total)	1.0 mg/l <sup>[6]</sup>	0.2	"	20/1/14	"	7.6%
S1	Copper	1.0 mg/l <sup>[6]</sup>	0.1	"	20/1/14	"	7.2%
S1	Lead	1.0 mg/l <sup>[6]</sup>	0.2	"	19/2/14	"	7.0%
S1	Mercury and its compounds	0.005 mg/l <sup>[6]</sup>	20.0001	15BN 0117519073	19/2/14	"	7.7%
S1	Mercury and its compounds	0.02 kg/year <sup>[7]</sup>		"		"	7.7%
S1	Nickel	1.0 mg/l <sup>[6]</sup>	0.4	15BN 01175324444	16/6/14	"	7.1%
S1	Zinc	2.0 mg/l <sup>[6]</sup>	0.2	"	16/6/14	"	6.3%
S1	pH	Not less than 6 and not greater than 11	8.9	15BN 0117514284	16/6/14	"	0.1 pH
S1	Flow <sup>M<sup>3</sup></sup>	Not applicable				"	

[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. For continuous measurements, or flow/time proportional samples, the percentage of the process operating time covered by the monitoring 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.

[6] The emission limit values for cadmium and its compounds, chromium, copper, lead, mercury and its compounds, nickel and zinc are expressed as a maximum individual value.

[7] The emission limit values for cadmium and its compounds and mercury and its compounds are expressed as a maximum annual value.

[8] The flow is expressed as a maximum annual value.

Signed  Date 27/2/14.....

(authorised to sign as representative of the Operator)

Permit Reference Number: BX94551F

Operator: SAPA Aluminium Extrusion Limited

Installation: SAPA Aluminium Extrusion, Bedwas Plant

Form Number: E1

Reporting of Energy Usage for the year 2014 .....

Energy Usage			
Energy Source	Energy Usage		CO <sub>2</sub> Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	MWh	0.963	57
Natural Gas	tonnes	1241	74
Gas Oil	tonnes		
Heavy Fuel Oil	tonnes		
TOTAL	-		

\* Conversion factor for delivered electricity to primary energy = 2.4

Trends in Energy Usage			
Year	Parameter	Primary Energy usage	CO <sub>2</sub> produced
2005		44320	7605
2006		44499	7609
2007		40049	6846
2008		32015	5500
2009		26810	4570
2010		30284	5166
2011		32077	5512
2012		24249	4025
2013		14912	894

Operator's comments :

*Production ceased in March 2014*

Signed .....  
(authorised to sign as representative of the Operator)

Date 27/2/14 .....

**Operator: SAPA Aluminium Extrusion Limited**

Form Number: WU1

Reporting of Water Usage for the year ..... 2014.....

Water Usage		
Water Source	Usage (m³)	Specific Usage (m³/ft)
Mains water	3270	1.3
Site borehole		
River abstraction		
<b>TOTAL WATER USAGE</b>		

Trends in Water Usage		
Year	Parameter	
	Named Water source	Total Water usage
2005		
2006		
2007		
2008	33490	
2009	41791	
2010	37279	
2011	39136	
2012	33932	
2013	36379	

**Operator's comments :**

PRODUCTION STOPPED MARCH 2014

Lee

**Signed**

(authorised to sign as representative of the Operator)

Date 27/2/14.....



Permit Reference Number: BX9455IF

Operator: SAPA Aluminium Extrusion Limited

Installation: SAPA Aluminium Extrusion, Bedwas Plant

Form Number: R1

Reporting of Waste Disposal and Recovery for the year 2014 .....

Waste Disposal & Recovery			
Waste Description	Disposal		Recovery
	Route	Tonnes	Tonnes
1) Hazardous Wastes	OFF SITE		
Named haz. Waste	OFF-CHARGE THERMALS	2.6	
Other hazardous wastes	RECYCLED ORGANIC	42.86	
Total hazardous waste			
2) Non-Hazardous Wastes			
Named non-haz. Waste	LANDFILL	162.78	
Other non-hazardous wastes	RECYCLED	14.9	
Total non-hazardous waste			
TOTAL WASTE	.		

Trends in Waste Disposal and Recovery			
Year	Parameter	Named Waste	Total Waste
2005			891.2
2006			943.6
2007			761
2008			406.2
2009			318
2010			418
2011			366
2012			379.6
2013			657

Operator's comments :

PRODUCTION CEASED MARCH 2014

Signed .....  
(authorised to sign as representative of the Operator)

Date: 27/2/14 .....

