

Permit Reference Number: EPR/BV/58581W

Operator: Abril Industrial Waxes Ltd

Installation: 17A Sturmi Way, Village Farm Industrial Estate,
Pyle, Bridgend. CF33 6BZ

Form Number: A1 Dated 19/06/2014

Reporting of Emissions to Air for the 3 month period from 1st October to 31st December 2021.

Date	Parameters			Total number of days
	Number of days deposits seen	Number of days no deposits seen		
Release point A2				
Month 1	Nil	10		10
Month 2	Nil	15		15
Month 3	Nil	20		20
Quarter Total	Nil	45		45
Release point A3				
Month 1	Nil	10		10
Month 2	Nil	15		15
Month 3	Nil	20		20
Quarter Total	Nil	45		45
Release point A4				
Month 1	Nil	Nil		Nil
Month 2	Nil	Nil		Nil
Month 3	Nil	Nil		Nil
Quarter Total	Nil	Nil		Nil
Release point A12				
Month 1	Nil	20		20
Month 2	Nil	7		7
Month 3	Nil	0		0
Quarter Total	Nil	27		27

Signed 
(authorised to sign as representative of the Operator)

Date. 27/1/22

Permit Reference Number: EPR/BV5858IW

Operator: Abril Industrial Waxes Ltd

Installation: 17A Sturmi Way, Village Farm Industrial Estate,
Pyle, Bridgend. CF33 6BZ

Form Number: S1 Dated 19/06/2014

Reporting of Emissions to Sewer for the period from 1st October to 31st December 2021.

Emission Point	Substance / Parameter	Emission Limit Value	Result ^[1]			Test Method ^[2]	Sample Date and Times ^[3]	Accreditation / Certification ^[4]	Uncertainty ^[5]
			Month1	Month2	Month3				
S1	Suspended solids (maximum)	400mg/l	108	266	296	Abril Test Method 005	12/10; 28/11; 17/12	Calibrated Balance	± 1 mg/l
	Suspended solids (mean)	No limit	27	211	126	Abril Test Method 005	12/10; 28/11; 17/12	Calibrated Balance	± 1 mg/l
	pH	6 ^[7]	8.5	7	8	pH papers	12/10; 28/11; 17/12	pH standards	± 0.1
	pH	10 ^[7]	8.5	8	8	pH papers	12/10; 28/11; 17/12	pH standards	± 0.1
	Chemical oxygen demand (maximum)	20000 mg/l	3680	9500	10100	Abril Test Method 005	12/10; 28/11; 17/12	Calibrated Balance	± 500 mg/l
	Chemical oxygen demand (mean)	No limit	3680	5460	6020	Abril Test Method 005	12/10; 28/11; 17/12	Calibrated Balance	± 500 mg/l
	Temperature	43 °C ^[6]	14	8	13	Thermometer	12/10; 28/11; 17/12	Calibrated Thermometer	± 1 °C
	Oil & grease	150 mg/l ^[6]	19	94	87	Abril Test Method 023	12/10; 28/11; 17/12	Calibrated Balance	± 10 mg/l
	Flow	1000 l/day ^[6]	924	924	900	Calculation	12/10; 28/11; 17/12	Calibration	

[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, 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 are expressed as monthly maxima.

[7] The emission limit values for pH are expressed as minimum and maximum individual values.

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Form Number: R1 Dated 19/06/2014

Reporting of Waste Disposal and Recovery for the year 2021

Waste Description	Disposal		Recovery	
	Route	Tonnes	Tonnes	
1) Hazardous Wastes		2.325		
Total hazardous waste		2.325		
2) Non-hazardous wastes		6.400	6.400	
		0.310	0.310	
		9.000		
Total non-hazardous waste		15.710	6.710	
TOTAL WASTE		18.035	6.710	

Trends in Waste Disposal and Recovery				
Year	Parameter			
	Total hazardous waste	Total non-hazardous waste	Total Waste per unit output	
2014	0	31.9	0.033	
2015	0.710	36.1	0.036	
2016	0	46.2	0.029	
2017	2.78	76.2	0.039	
2018	0.05	79.2	0.037	
2019	2.055	52.8	0.030	
2020	4.335	15.6	0.014	
2021	2.352	15.71	0.010	

Operator's comments :

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Date..... 27 / 1 / 22

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Operator: Abril Industrial Waxes Ltd

Installation: 17A Sturmi Way, Village Farm Industrial Estate,
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Form Number: E1 Dated 19/06/2014

Reporting of Energy Usage for the year 2021

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	350	875*	82.5
Natural Gas	485	485	88
Gas Oil			
Heavy Fuel Oil			
TOTAL	835	1360	170.5

* Conversion factor for delivered electricity to primary energy = 2.6 for coal and gas.

Trends in Energy Usage			
Year	Parameter		
	Primary Energy usage	CO ₂ produced	CO ₂ per unit output
2014	1407	68.2	0.074
2015	1528	64.8	0.064
2016	1639	76.1	0.048
2017	1807	83.7	0.044
2018	1950	93.4	0.044
2019	1600	78.6	0.043
2020	1113	205	0.14
2021	1360	170.5	0.12

Operator's comments :

Electricity produced from 3.6% coal, 25.7% Natural gas, Nuclear 0.5%, Other 1.4% and renewable 68.8%.
Trends in energy usage – figures prior to 2020 did not include electricity generation.

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Operator: Abril Industrial Waxes Ltd

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Form Number: WU1 Dated 19/06/2014

Reporting of Water Usage for the year 2021

Water Source	Usage (m ³)	Specific Usage (m ³ /t)
Mains water	205	
TOTAL WATER USAGE	205	

Trends in Water Usage		
Year	Parameter	
	Total	Water per unit output
2017	Water usage	
	249	0.13
2018	296	0.19
2019	320	0.17
2020	178	0.12
2021	205	0.11

Operator's comments :

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Date 27/1/22