

Permit Reference Number: EPR/BV5858IW

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 2020.

Date	Parameters			Total number of days
	Number of days deposits seen	Number of days no deposits seen		
Release point A2				
Month 1	Nil	24		24
Month 2	Nil	26		26
Month 3	Nil	14		14
Quarter Total	Nil	64		64
Release point A3				
Month 1	Nil	24		24
Month 2	Nil	26		26
Month 3	Nil	14		14
Quarter Total	Nil	64		64
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	Nil		Nil
Month 2	Nil	Nil		Nil
Month 3	Nil	4		4
Quarter Total	Nil	4		4

Signed 
(authorised to sign as representative of the Operator)

Date 11/2/21

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 2020

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	69	166	254	Abril Test Method 005	6/10 ; 17/11 ; 10/12 .	Calibrated Balance	± 1 mg/l
	Suspended solids (mean)	No limit	69	166	254	Abril Test Method 005	6/10 ; 17/11 ; 10/12 .	Calibrated Balance	± 1 mg/l
	pH	6 ^[7]	8	8	8	pH meter	6/10 ; 17/11 ; 10/12 .	pH standards	± 0.1
	pH	10 ^[7]	8	8	8	pH meter	6/10 ; 17/11 ; 10/12 .	pH standards	± 0.1
	Chemical oxygen demand (maximum)	2000 mg/l	9100	15320	5460	Abril Test Method 005	6/10 ; 17/11 ; 10/12 .	Calibrated Balance	± 500 mg/l
	Chemical oxygen demand (mean)	No limit	9100	15320	5460	Abril Test Method 005	6/10 ; 17/11 ; 10/12 .	Calibrated Balance	± 500 mg/l
	Temperature	43 °C ^[6]	10	12	8	Thermometer	6/10 ; 17/11 ; 10/12 .	Calibrated Thermometer	± 1 °C
	Oil & grease	150 mg/l ^[6]	9	46	14	Abril Test Method 023	6/10 ; 17/11 ; 10/12 .	Calibrated Balance	± 10 mg/l
	Flow	1000 l/day ^[6]	850	850	950	Calculation	6/10 ; 17/11 ; 10/12 .	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.

Signed Date 11/2/21

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Permit Reference Number: EPR/BV5858IW

Operator: Abril Industrial Waxes Ltd

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

Form Number: R1 Dated 19/06/2014

Reporting of Waste Disposal and Recovery for the year 2020

Waste Description	Disposal		Recovery	
	Route	Tonnes	Tonnes	
1) Hazardous Wastes		4.335		
Total hazardous waste		4.335		
2) Non-hazardous wastes		7.124	7.124	
		0.434	0.434	
		8.000		
Total non-hazardous waste		15.558	7.558	
TOTAL WASTE		19.893	7.558	

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	

Operator's comments:- 3 tonnes of Hazardous waste was generated when completing maintenance on our EDA tank. The tank had to be emptied and washed out to complete the work. This resulted in 3000 litres of washing\contaminated water.

Signed 
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Date..... 11/ 2/ 21

Permit Reference Number: EPR/BV5858IW

Operator: Abril Industrial Waxes Ltd

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

Form Number: WU1 Dated 19/06/2014

Reporting of Water Usage for the year 2020

Water Source	Usage (m ³)	Specific Usage (m ³ /t)
Mains water	178	
TOTAL WATER USAGE	178	

Trends in Water Usage		
Year	Parameter	
	Total	Water per unit output
2016	Water usage 191	0.12
2017	249	0.13
2018	296	0.19
2019	320	0.17
2020	178	0.12

Operator's comments :

Signed 
(authorised to sign as representative of the Operator)

Date..... 4/2/21.....

Permit Reference Number: EPR/BV58581W

Operator: Abril Industrial Waxes Ltd

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

Form Number: E1 Dated 19/06/2014

Reporting of Energy Usage for the year 2020

Energy Source	Energy Usage		CO ₂ Produced (tonnes)
	Quantity	Primary Energy (MWh)	
Electricity *	388	817*	150.5
Natural Gas	296	296	54.5
Gas Oil			
Heavy Fuel Oil			
TOTAL	684	1113	205

* Conversion factor for delivered electricity to primary energy = 2.6 for energy other than renewable source

Trends in Energy Usage			
Year	Parameter		CO ₂ per unit output
	Primary Energy usage	CO ₂ produced	
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

Operator's comments :

Electricity produced from 8% coal, 57% Natural gas, Nuclear 1%, Other 3% and renewable 31%.
We have assumed 62% losses for the generation of electricity for all sources other than renewable. This gives us a conversion factor of 2.6 on 69% of the electricity, the renewable conversion has been taken as 1 on the renewable 31%.
Trends in energy usage – figures prior to 2020 did not include electricity generation.

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Date 11/2/21