

Permit Number: BU75451M

Operator: Valspar (UK) Corporation Ltd

Installation: Deeside Packaging Coatings

Form number: Energy 1 04/04/07

Reporting of energy usage for the year: January '15 to December'15

ENERGY SOURCE	ENERGY USAGE QUANTITY	PRIMARY ENERGY (MWh)	Specific Usage (MWh/unit output)
Electricity*	2,763 MWh	7,184 MWh	0.17 MWh/mT
Natural Gas	2,217 MWh		0.14 MWh/mT
Gas Oil	140 MWh		0.01 MWh/mT
TOTAL	5,120 MWh	7,184 MWh	0.31 MWh/mT

*** Conversion factor for delivered electricity to primary energy = 2.6**

Operator's comments: 2015 Site output = 16,549mT

Electricity usage/ site output (MWh/mT):

2013 = 0.19 MWh/mT; 2014 = 0.18 MWh/mT; 2015 = 0.17 MWh/mT

Signed: Philip Silver

Date: February 2016

(Authorised to sign as representative of Operator)

Forms Retained by HSE Department (Retain for 6 years)

Permit Number: BU7545IM Operator: Valspar (UK) Corporation Ltd

Installation: Deeside Packaging Coatings Form Number: Air1 / 04/04/07

Reporting of emissions to air for the period from 01/01/15 to 31/03/2015

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Ethyl Acrylate	NA	TBA	0.2g/hr	BSEN13649	26 March 11H00 – 12H04	+ -60%
A1	Methyl Acrylate	NA	TBA	0.2g/hr	BSEN13649	26 March 11H00 – 12H04	+ -60%
A1	Total VOC	2kg/hr	TBA	0.0kg/hr	BSEN13649	26 March 11H00 – 12H04	+ -66%
A2	Particulate	20mg/m3	TBA	*2.4 mg/m3	BS3405	26 March 10H40 – 11H40	+ -25%
A2	Ethyl Acrylate	NA	TBA	0.2g/hr	BSEN13649	26 March 10H40 – 11H42	+ -60%
A2	Methyl Acrylate	NA	TBA	0.2g/hr	BSEN13649	26 March 10H40 – 11H42	+ -60%
A2	Total VOC	2kg/hr	TBA	0.0kg/hr	BSEN13649	26 March 10H40 – 11H42	+ -66%
A3	Ethyl Acrylate	NA	TBA	0.2g/hr	BSEN13649	26 March 12H17 – 13H17	+ -60%
A3	Methyl Acrylate	NA	TBA	0.2g/hr	BSEN13649	26 March 12H17 – 13H17	+ -60%
A3	Total VOC	2kg/hr	TBA	0.004kg/hr	BSEN13649	26 March 12H17 – 13H17	+ -66%
A5	Ethyl Acrylate	NA	TBA	0.3g/hr	BSEN13649	26 March 12H11 – 13H11	+ -60%
A5	Methyl Acrylate	NA	TBA	0.3g/hr	BSEN13649	26 March 12H11 – 13H11	+ -60%
A5	Total VOC	2kg/hr	TBA	0.580kg/hr	BSEN13649	26 March 12H11 – 13H11	+ -66%
A6	Particulate	NA	TBA	*18.4mg/m3	BS3405	26 March 12H09 – 13H31	+ -25%

* (There is a measurement uncertainty of +/- 25%)

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

SignedPhilip Silver.....
(Authorised to sign as representative of Operator)

Date.....30/5/15.....

Permit Number: BU7545IM Operator: Valspar (UK) Corporation Ltd

Installation: Deeside Packaging Coatings Form Number: Air1 / 04/04/07

Reporting of emissions to air for the period from 01/04/15 to 31/07/2015

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Ethyl Acrylate	NA	TBA	0.11g/hr	BSEN13649	30 April 10H57 – 11H57	+ -60%
A1	Methyl Acrylate	NA	TBA	0.11g/hr	BSEN13649	30 April 10H57 – 11H57	+ -60%
A1	Total VOC	2000g/hr	TBA	54.36g/hr	BSEN13649	30 April 10H57 – 11H57	+ -66%
A2	Particulate	20mg/m3	TBA	*2.7mg/m3	BS3405	30 April 12H00 – 13H02	+ -25%
A2	Ethyl Acrylate	NA	TBA	0.74g/hr	BSEN13649	30 April 11H10 – 12H10	+ -60%
A2	Methyl Acrylate	NA	TBA	0.61g/hr	BSEN13649	30 April 11H10 – 12H10	+ -60%
A2	Total VOC	2000g/hr	TBA	1125.23g/hr	BSEN13649	30 April 11H10 – 12H10	+ -66%
A3	Ethyl Acrylate	NA	TBA	0.1g/hr	BSEN13649	30 April 13H35 – 14H45	+ -60%
A3	Methyl Acrylate	NA	TBA	0.1g/hr	BSEN13649	30 April 13H35 – 14H45	+ -60%
A3	Total VOC	2000g/hr	TBA	281.46g/hr	BSEN13649	30 April 13H35 – 14H45	+ -66%
A5	Ethyl Acrylate	NA	TBA	0.12g/hr	BSEN13649	30 April 13H30 – 14H40	+ -60%
A5	Methyl Acrylate	NA	TBA	0.12g/hr	BSEN13649	30 April 13H30 – 14H40	+ -60%
A5	Total VOC	2000g/hr	TBA	165.1g/hr	BSEN13649	30 April 13H30 – 14H40	+ -66%
A6	Particulate	NA	TBA	*3.04mg/m3	BS3405	30 April 13H10 – 14H10	+ -25%

* (There is a measurement uncertainty of +/- 25%)

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



SignedPhilip Silver.
(Authorised to sign as representative of Operator)

Date.....30/6/15.....

Permit Number: BU7545IM Operator: Valspar (UK) Corporation Ltd

Installation: Deeside Packaging Coatings Form Number: Air1 / 04/04/07

Reporting of emissions to air for the period from 01/07/15 to 30/09/2015

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Ethyl Acrylate	NA	TBA	0.06g/hr	BSEN13649	30 September 11H45 – 12H45	+ -60%
A1	Methyl Acrylate	NA	TBA	0.06g/hr	BSEN13649	30 September 11H45 – 12H45	+ -60%
A1	Total VOC	2000g/hr	TBA	41.62g/hr	BSEN13649	30 September 11H45 – 12H45	+ -66%
A2	Particulate	20mg/m3	TBA	*1.3mg/m3	BS3405	30 September 11H32 – 12H32	+ -25%
A2	Ethyl Acrylate	NA	TBA	0.15g/hr	BSEN13649	30 September 11H32 – 12H32	+ -60%
A2	Methyl Acrylate	NA	TBA	0.15g/hr	BSEN13649	30 September 11H32 – 12H32	+ -60%
A2	Total VOC	2000g/hr	TBA	0.03g/hr	BSEN13649	30 September 11H32 – 12H32	+ -66%
A3	Ethyl Acrylate	NA	TBA	0.16g/hr	BSEN13649	30 September 13H07 – 14H07	+ -60%
A3	Methyl Acrylate	NA	TBA	0.16g/hr	BSEN13649	30 September 13H07 – 14H07	+ -60%
A3	Total VOC	2000g/hr	TBA	77.80g/hr	BSEN13649	30 September 13H07 – 14H07	+ -66%
A5	Ethyl Acrylate	NA	TBA	0.21g/hr	BSEN13649	30 September 13H21 – 14H21	+ -60%
A5	Methyl Acrylate	NA	TBA	1385.63g/hr	BSEN13649	30 September 13H21 – 14H21	+ -60%
A5	Total VOC	2000g/hr	TBA	852.37g/hr	BSEN13649	30 September 13H21 – 14H21	+ -66%
A6	Particulate	NA	TBA	*1.3mg/m3	BS3405	30 September 13H38 – 14H40	+ -25%

* (There is a measurement uncertainty of +/- 25%)

- [5] 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.
- [6] 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.
- [7] 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.
- [8] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

SignedPhilip Silver.....
(Authorised to sign as representative of Operator)

Date.....4/11/15.....

Permit Number: BU7545IM Operator: Valspar (UK) Corporation Ltd

Installation: Deeside Packaging Coatings Form Number: Air1 / 04/04/07

Reporting of emissions to air for the period from 1/10/2015 to 31/12/15

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result ^[1]	Test Method ^[2]	Sample Date and Times ^[3]	Uncertainty ^[4]
A1	Ethyl Acrylate	NA	TBA	0.09g/hr	BSEN13649	22 December 12H50 – 13H50	+60%
A1	Methyl Acrylate	NA	TBA	0.09g/hr	BSEN13649	22 December 12H50 – 13H50	+60%
A1	Total VOC	2000g/hr	TBA	0.02g/hr	BSEN13649	22 December 12H50 – 13H50	+66%
A2	Particulate	20mg/m3	TBA	*3.9mg/m3	BS3405	22 December 11h00 – 12h00	+25%
A2	Ethyl Acrylate	NA	TBA	0.08g/hr	BSEN13649	22 December 11h00 – 12h00	+60%
A2	Methyl Acrylate	NA	TBA	0.08g/hr	BSEN13649	22 December 11h00 – 12h00	+60%
A2	Total VOC	2000g/hr	TBA	0.07g/hr	BSEN13649	22 December 11h00 – 12h00	+66%
A3	Ethyl Acrylate	NA	TBA	0.08g/hr	BSEN13649	22 December 12H40 – 13H40	+60%
A3	Methyl Acrylate	NA	TBA	0.08g/hr	BSEN13649	22 December 12H40 – 13H40	+60%
A3	Total VOC	2000g/hr	TBA	26.94g/hr	BSEN13649	22 December 12H40 – 13H40	+66%
A5	Ethyl Acrylate	NA	TBA	0.04g/hr	BSEN13649	22 December 11H15 – 12H25	+60%
A5	Methyl Acrylate	NA	TBA	0.06g/hr	BSEN13649	22 December 11H15 – 12H25	+60%
A5	Total VOC	2000g/hr	TBA	119.55g/hr	BSEN13649	22 December 11H15 – 12H25	+66%
A6	Particulate	NA	TBA	*2.8mg/m3	BS3405	22 December 11H15 – 12H20	+25%

* (There is a measurement uncertainty of +/- 25%)

[9] 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.

[10] 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.

[11] 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.

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

SignedPhilip Silver.....
(Authorised to sign as representative of Operator)

Date.....29/01/2016.....

Permit Number: BU7545IM

Operator: Valspar (UK) Corporation Ltd

Installation: Deeside Packaging Coatings **Form number:** Performance1/04/07

Reporting of other performance indicators for the period: January '15 to December '15.

Solvent usage (Tonnes)	5,971 Tonnes
Total solvent emissions as a % of solvent input	

Operator's comments:

- 2015 = 5,971 Tonnes (Increase in solvent use in 2015 due to introduction of a non BPA product (32S) during late 2014 with continued manufacture in 2015);
- 2014 = 4,687 Tonnes;
- 2013 = 4,470 Tonnes;
- 2012 = 4,439 Tonnes.

Signed: Philip Silver

Date: January 2016.

(Authorised to sign as representative of Operator)

Forms Retained by HSE Department (Retain for 6 years)

Permit Number: BU7545IM

Operator: Valspar (UK) Corporation Ltd

Installation: Deeside Packaging Coatings

Form number: WaterUsage1 /04/04/07

Reporting of Water Usage for the year: January '15 to December '15

Water Source	Usage m3 / year	Specific Usage (m3 / unit output)
Mains water	18,448 m3	1.114 m3/MT
TOTAL WATER USAGE	18,448 m3	

Operator's comments:



Signed: Philip Silver

Date: January '16.

(authorised to sign as representative of Operator)

Forms Retained by HSE Department (Retain for 6 years)