

Permit Reference Number: BU2349

Operator: Synthite Limited

Installation: Mold Chemicals (Alyn Works)

Form Number: A1

Reporting of Emissions to Air for the period from 01/01/15 to 31/03/15

Emissions to Air						
Emission Point	Substance / Parameter	Emission Limit Value [6]	Result [1]	Test Method [2]	Sample Date and Times [3]	Accreditation/ Certification [4]
A1	Dimethylamine	5mg/m3	<1.2	Gastec tube	06/02/15	None
A2	Ammonia	10mg/m3	o/c	-	-	-
A3	Propionic Acid (Measured as VOC Toluene)	10mg/m3	0.2	VOC meter	20/01/15	None
A4	Formic Acid (Measured as VOC Toluene)	10mg/m3	0.2	VOC meter	20/01/15	None
A5	Ammonia	10mg/m3	<0.2	Gastec tube	20/01/15	None
A5	Formic & Propionic Acid (Measured as VOC Toluene)	10mg/m3	0.5	VOC meter	20/01/15	None
A6	Ammonia	10mg/m3	<0.2	Gastec tube	20/01/15	None
A6	Formic Acid (Measured as VOC Toluene)	10mg/m3	0.5	VOC meter	20/01/15	None
A7	Formaldehyde	2mg/m3	1.1	DNPH/HPLC	06/02/15	None
A7	Acrylamide	5mg/m3	o/c	-	-	-
A7	Acrylic Acid	5mg/m3	o/c	-	-	-
A7	Ammonia	10mg/m3	0.5	Gastec tube	06/02/15	None
A7	Sulphur Dioxide	50mg/m3	o/c	-	-	-
A7	n - Decane (Measured as VOC Toluene)	20mg/m3	11.9	VOC meter	06/02/15	None
A8	Formaldehyde	5mg/m3	1.2	DNPH/HPLC	06/02/15	None
A8	Methanol	40mg/m3	14.1	VOC meter	06/02/15	None
A8	Dimethylamine	5mg/m3	<1.1	Gastec tube	06/02/15	None

INITIALS DATE

CHECKED Vs AUTHORISATION

RACKING

OK FOR PUBLIC REGISTER

AZ 13/5/15

JB 1-5-15

AZ 20/5/15

13/5/15 13:10:23

Operator : Synthite Limited Form Number : A1 continued									
A9	n - Decane (Measured as VOC Toluene)	10mg/m3	o/c	-	-	-	-	-	-
A10	Formaldehyde	5mg/m3	0.9	DNPH/HPLC	20/03/15	None	None	30%	
A10	Methanol	1mg/m3	<0.3	Gastec tube	20/03/15	None	None	25%	
A11	Ammonia	10mg/m3	6.8	Gastec tube	20/03/15	None	None	25%	
A11	Formaldehyde	5mg/m3	0.8	DNPH/HPLC	20/03/15	None	None	30%	
A11	Methanol	1mg/m3	<0.3	Gastec tube	20/03/15	None	None	25%	
A12	Formaldehyde	5mg/m3	1.2	DNPH/HPLC	20/03/15	None	None	30%	
A12	Methanol	5mg/m3	<0.4	Gastec tube	20/03/15	None	None	25%	
A13	Methanol	0.5kg/hr [7]	0.1	Estimated	01/01/15 - 31/03/15	N/A	N/A	Not Known	
A14	Methanol	0.5kg/hr [7]	0.1	Estimated	01/01/15 - 31/03/15	N/A	N/A	Not Known	
A15	Formaldehyde	5mg/m3	2.2	DNPH/HPLC	23/03/15	None	None	30%	
A15	Methanol	5mg/m3	1.2	Gastec tube	23/03/15	None	None	25%	
A16	Formaldehyde	5mg/m3	0.3	DNPH/HPLC	23/03/15	None	None	30%	
A16	Methanol	40mg/m3	0.5	VOC meter	23/03/15	None	None	25%	
A16	Nitrogen Dioxide	50mg/m3	0.2	Gastec tube	23/03/15	None	None	25%	
A17	Nitrogen Dioxide	150mg/m3	0.8	Gastec tube	23/03/15	None	None	25%	
A18	Formaldehyde	5mg/m3	0.5	DNPH/HPLC	23/03/15	None	None	30%	
A18	Methanol	20mg/m3	0.1	VOC meter	23/03/15	None	None	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.

[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 instantaneous and corrected to 273K, 101.3kPa and in relation to gases from combustion processes 3% oxygen, dry (for gaseous fuels).

[7] Taken as average vent concentration multiplied by the volume of expressed air and actual number of deliveries.

Signed

Date...29/04/2015....

(Authorised to sign as representative of the Operator)