

Permit Reference Number: BR9715IB
Operator: Solutia UK Ltd
Installation: Newport Chemical Complex

Form Number: A1

Reporting of Emissions to Air for the period from: 01/01/2021 to 31/12/2021

Emission Point	Substance / Parameter	Emission Limit Value	Result	Test Method	Sample Date and Times	Accreditation / Certification	Uncertainty
A2	Oxides of Nitrogen (Gas)	150 mg/m ³	173	In house	26/07/21 – 10:57 – 11:11	---	---
	Oxides of Nitrogen (Kerosene)	300 mg/m ³	---	---	---	---	---
A4	Oxides of Nitrogen	75 mg/m ³	44.9	BS EN 14792	05/05/21 11:09 – 11:56	MCerts Lvl 2 + TE	2.6
			71.8		04/12/21 12:30 – 13:30		3.1
	Carbon Monoxide	100 mg/m ³	89.5	BS EN 15058	05/05/21 11:09 – 11:56	MCerts Lvl 2 + TE	3.5
			62.8		04/12/21 12:30 – 13:30		2.7
A6	HCl	10 mg/m ³	2.4	EN 1911	11/08/21 09:13 – 10:13	MCerts Lvl 2 + TE	0.15
	Chloromethane	---	8.1	CEN/TS 13649	10/02/21 09:00 – 10:00	MCerts Lvl 2 + TE	1.6
		---	0.7		26/05/21 09:38 – 11:38		0.1
		---	488		11/08/21 09:13 – 10:13		97.5
		---	67		14/12/21 09:55 – 10:55		8.5
A30/A16	Benzene [Day Tank]	20 g/hr	---	---	Not in service 2021	N/A	N/A
	Benzene [Bulk Tank]	100 g/hr	56.7	---	Annual Calculation	N/A	N/A
A23	Oxides of Nitrogen	200 mg/m ³	134	BS EN 14792	05/05/21 15:07 – 16:07	MCerts Lvl 2 + TE	6.3
			126		12/08/21 11:15 – 12:15		5.8
	Benzene	5 mg/m ³	0.9	CEN/TS 13649	05/05/21 15:09 – 16:09	MCerts Lvl 2 + TE	0.1
			0.1		12/08/21 11:15 – 12:15		0.02
A26	Oxides of Nitrogen	200 mg/m ³	352	BS EN 14792	09/02/21 10:20 – 11:20	MCerts Lvl 2 + TE	14.3
			337		11/08/21 12:51 – 13:51		13.4
	Benzene	5 mg/m ³	0.18	CEN/TS 13649	09/02/21 10:20 – 11:20	MCerts Lvl 2 + TE	0.04
			0.10		11/08/21 12:51 – 13:51		0.03
A27	Oxides of Nitrogen	200 mg/m ³	364	BS EN 14792	09/02/21 11:47 – 12:47	MCerts Lvl 2 + TE	15.5
			348		12/08/21 09:31 – 10:31		14.0
	Benzene	5 mg/m ³	0.18	---	09/02/21 11:47 – 12:47	MCerts Lvl 2 + TE	0.04
			0.07		12/08/21 09:31 – 10:31		0.02
A28	Oxides of Nitrogen	135 mg/m ³	101	BS EN 14792	04/05/21 13:48 – 14:48	MCerts Lvl 2 + TE	4.8
			117		15/12/21 09:30 – 10:30		5.5
A29	Oxides of Nitrogen	135 mg/m ³	75.1	BS EN 14792	04/05/21 12:00 – 13:27	MCerts Lvl 2 + TE	4.0
			88.9		15/12/21 10:41 – 11:41		4.5
A31	Oxides of Nitrogen	75 mg/m ³	51.3	BS EN 14792	10/02/21 12:10 – 13:10	MCerts Lvl 2 + TE	2.3
			58.3		13/08/21 09:29 – 10:29		3.0
	Carbon Monoxide	100 mg/m ³	85.1	BS EN 15058	10/02/21 12:10 – 13:10	MCerts Lvl 2 + TE	3.3
			38.0		13/08/21 09:29 – 10:29		1.7

Signed *:



Date: 28/01/2022 (rev2 16/03/2022)

(* authorised to sign as representative of the Operator)

Date of Form: 31/03/11