MAR 2 9 2012

Shawmut
Advanced Material Solutions™

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March 26, 2012

Knoxville Environmental Field Office
Division of Air Pollution Control
3711 Middlebrook Pike
Knoxville TN 37921

Subject: Operating Permit Number 461613P located at 325 J.D. Yarnell Ind Pkwy, Clinton TN.

To Whom It May Concern:

The intent of this letter is to inform the Division of Air Pollution Control of Knoxville TN that Shawmut Corporation has maintained compliance with the operating permit 461613P for the reporting year 2011.

In keeping with our operating permit, conditional major designation, we are well within the limits stated in condition 6 & 7.

Condition 6. Volatile organic compounds (VOC) emitted from this facility shall not exceed 24.0 tons during all intervals of twelve consecutive months.

Actual VOC – During reporting year 2011 VOC emissions were 0.2393 tons, well within the limit of 24 tons.

Condition 7. Emissions of any hazardous air pollutant (HAP) listed in Section 112 of the Federal Clean Air Act shall not exceed 15.3 pounds per hour of HCL on a monthly average basis and 9.0 tons during all intervals of 12 consecutive months.

Actual HCL – During reporting year 2011 HAP emissions were 1.0994 tons, well within the limit of 9 tons.

I have enclosed the record keeping information for your review. If there are any concerns, omissions, or if clarification is needed please contact me at any time.

Regards,

Kevin Souza
Regulatory Compliance Manager

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Shawmut Corporation
325 J.D. Yarnell Industrial Parkway, Clinton TN
Emissions Summary Sheet
(Tons)

Permit Number 461613P
Issued: February 15,2008
Expires: February 15,2018

				12 Month Rolling Sum Limits (Tons)		
				NA	<9	<24
Month-Yr	PM	HCL	VOC	PM	HCL	VOC
Jan-11	0.0440	0.0550	0.0092	0.5497	0.6792	0.1916
Feb-11	0.0465	0.0580	0.0100	0.5554	0.6868	0.1954
Mar-11	0.0565	0.0702	0.0124	0.5644	0.6989	0.2010
Apr-11	0.0443	0.0549	0.0085	0.5629	0.6974	0.2079
May-11	0.0433	0.0546	0.0096	0.5501	0.6832	0.2098
Jun-11	0.0623	0.0776	0.0162	0.5649	0.7022	0.2187
Jul-11	0.0373	0.0466	0.0087	0.5554	0.6913	0.2044
Aug-11	0.0510	0.0631	0.0116	0.5533	0.6895	0.1535
Sep-11	0.0985	0.1204	0.0222	0.5938	0.7383	0.1674
Oct-11	0.1519	0.1832	0.0444	0.7062	0.8726	0.2027
Nov-11	0.1251	0.1508	0.0415	0.8007	0.9845	0.2282
Dec-11	0.1372	0.1650	0.0449	0.8980	1.0994	0.2393

MAR 2 9 2012

Permit Number
461613P

Shawmut Corporation
325 J.D. Yarnell Industrial Parkway, Clinton TN
Emission Source Reference Number
01-0234
Plant wide VOC emissions

Process Materials		
Description	Density (lb/gal)	VOC content (lb/gal)
Squid Ink SI-E170	6.5	5.85
Isopropyl Alcohol 99%	6.52	6.52

	Gallons Consumed		
Month-Yr	Squid Ink SI-E170	Isopropyl Alcohol 99%	Total VOCs (Tons)
Jan-11	2.36	0.71	0.009
Feb-11	2.37	0.94	0.010
Mar-11	2.72	1.37	0.012
Apr-11	1.83	0.97	0.009
May-11	2.64	0.57	0.010
Jun-11	3.18	2.13	0.016
Jul-11	2.14	0.76	0.009
Aug-11	2.29	1.52	0.012
Sep-11	3.30	3.86	0.022
Oct-11	3.15	10.79	0.044
Nov-11	2.91	10.11	0.041
Dec-11	2.78	11.28	0.045

MAR 2 9 2012

Permit Number
461613P

Shawmut Corporation
325 J.D. Yarnell Industrial Parkway, Clinton TN
Emission Source Reference Number
01-0234-01

Start Date: February 14, 2008

Emissions Factors lb/mmyd double for 3 Ply

	PM	HCL
Ester FR	157	235
Ester NFR	79	104
Ether FR	538	638
Ether NFR	79	104

	2 Ply Yardage				3 Ply Yardage								
Month-Yr	3x1x2x Ester FR	3x1x4x Ester NFR	3x1x1x Ether FR	3x1x3x Ether NFR	3x2x2x Ester FR	3x2x4x Ester NFR	3x2x1x Ether FR	3x2x3x Ether NFR	Operating Hours	PM (Tons)	HCL (Tons)	PM lb/hr limit 5.27	HCL lb/hr limit 5.10
Jan-11	0	0	27042	252877	0	0	17855	94494	150.35	0.03433	0.04299	0.46	0.57
Feb-11	0	0	32836	248967	0	0	19566	92617	154.34	0.03651	0.04554	0.47	0.59
Mar-11	0	0	38348	286056	0	0	28696	99493	177.26	0.04491	0.05576	0.51	0.63
Apr-11	0	0	24155	183787	0	0	23938	71402	118.32	0.03228	0.03996	0.55	0.68
May-11	0	0	24901	310367	0	0	12606	90580	168.15	0.03290	0.04155	0.39	0.49
Jun-11	0	0	34037	338970	0	0	36838	118302	199.93	0.05171	0.06429	0.52	0.64
Jul-11	0	0	14498	246659	0	0	20267	73485	120.20	0.03035	0.03802	0.51	0.63
Aug-11	0	0	22635	204819	0	0	35850	116326	128.61	0.04266	0.05284	0.66	0.82
Sep-11	0	0	19698	240228	0	0	107240	180459	178.56	0.08674	0.10596	0.97	1.19
Oct-11	0	0	1200	122897	55	0	205606	193496	164.74	0.13109	0.15809	1.59	1.92
Nov-11	0	0	16047	129749	0	0	183573	153447	158.11	0.12033	0.14494	1.52	1.83
Dec-11	0	0	13136	100786	0	0	210456	136645	157.70	0.13153	0.15791	1.67	2.00

MAR 2 9 2012

Permit Number
461613P

Shawmut Corporation
325 J.D. Yarnell Industrial Parkway, Clinton TN
Emission Source Reference Number
01-0234-02

Start Date: November 28, 2007

Emissions Factors lb/mmyd double for 3 Ply

	PM	HCL
Ester FR	157	235
Ester NFR	79	104
Ether FR	538	638
Ether NFR	79	104

	2 Ply Yardage				3 Ply Yardage								
Month-Yr	3x1x2x Ester FR	3x1x4x Ester NFR	3x1x1x Ether FR	3x1x3x Ether NFR	3x2x2x Ester FR	3x2x4x Ester NFR	3x2x1x Ether FR	3x2x3x Ether NFR	Operating Hours	PM (Tons)	HCL (Tons)	PM lb/hr limit 5.27	HCL lb/hr limit 5.10
Jan-11	0	3994	142	66949	0	0	6981	14252	43.23	0.00772	0.00967	0.36	0.45
Feb-11	0	9436	1524	80872	0	0	6954	15552	53.39	0.00895	0.01124	0.34	0.42
Mar-11	0	6112	1907	65813	0	0	5466	19463	45.90	0.00783	0.00986	0.34	0.43
Apr-11	0	12309	45	77264	0	0	6162	17860	52.62	0.00828	0.01046	0.31	0.40
May-11	0	560	280	70794	0	0	6015	21881	45.12	0.00786	0.00991	0.35	0.44
Jun-11	0	28182	384	46115	0	0	3578	9611	36.64	0.00572	0.00727	0.31	0.40
Jul-11	0	1567	1031	28409	0	0	6814	8255	20.28	0.00578	0.00709	0.57	0.70
Aug-11	0	4990	2174	37714	0	0	5855	13013	27.83	0.00645	0.00800	0.46	0.58
Sep-11	0	14026	1715	53442	0	0	12643	11504	40.55	0.01084	0.01332	0.53	0.66
Oct-11	0	3788	22835	42468	0	0	19797	7890	43.72	0.01924	0.02314	0.88	1.06
Nov-11	0	6255	5652	24504	0	0	1376	5759	19.31	0.00393	0.00488	0.41	0.51
Dec-11	0	10515	267	30906	0	0	5050	8877	24.40	0.00513	0.00638	0.42	0.52

MAR 2 9 2012

Permit Number
461613P

Shawmut Corporation
325 J.D. Yarnell Industrial Parkway, Clinton TN
Emission Source Reference Number
01-0234-03

Start Date: February 14, 2008

Emissions Factors lb/mmyd double for 3 Ply

	PM	HCL
Ester FR	157	235
Ester NFR	79	104
Ether FR	538	638
Ether NFR	79	104

	2 Ply Yardage				3 Ply Yardage								
Month-Yr	3x1x2x Ester FR	3x1x4x Ester NFR	3x1x1x Ether FR	3x1x3x Ether NFR	3x2x2x Ester FR	3x2x4x Ester NFR	3x2x1x Ether FR	3x2x3x Ether NFR	Operating Hours	PM (Tons)	HCL (Tons)	PM lb/hr limit 5.27	HCL lb/hr limit 5.10
Jan-11	0	0	2732	4889	0	0	1696	1006	4.15	0.00192	0.00231	0.93	1.11
Feb-11	0	0	680	6285	0	0	965	1108	3.48	0.00104	0.00127	0.60	0.73
Mar-11	0	0	5127	30340	0	0	2145	140	16.51	0.00374	0.00460	0.45	0.56
Apr-11	0	0	704	4980	0	0	6213	114	4.83	0.00374	0.00446	1.55	1.85
May-11	0	0	0	18178	0	0	2885	3687	10.59	0.00256	0.00317	0.48	0.60
Jun-11	0	0	0	21912	0	0	6582	6459	15.03	0.00492	0.00601	0.65	0.80
Jul-11	0	0	1040	6163	0	0	1078	1316	4.90	0.00121	0.00148	0.49	0.60
Aug-11	0	0	960	9326	0	0	2319	191	6.27	0.00189	0.00229	0.60	0.73
Sep-11	0	0	590	5233	0	0	609	2347	3.92	0.00088	0.00109	0.45	0.56
Oct-11	0	0	1250	3789	0	0	2081	50	3.78	0.00161	0.00193	0.85	1.02
Nov-11	0	0	2000	2589	0	0	81	1600	3.26	0.00081	0.00099	0.50	0.61
Dec-11	0	0	0	1840	0	0	540	2795	2.40	0.00058	0.00073	0.49	0.61

MAR 2 9 2012