

2012

Code	ME-2	EU#4 ME-2	EU#4 General	EU#4 Mandrel	EU#1 Molder	EU#4 General	EU#4 General	EU#1 Banbury	EU#1 Banbury	EU#4 General	EU#4 Banbury	EU#1 Banbury	Rubber Scrap	Rubber Purchased	Mill Run Hours	Mill Prod.	Therms For boilers	Total Rubber	
	RT 2004 (mek)	RT 2021 (voc)	RT0793 (VOC)	RT1179 (VOC)	RT1925	RT1542	RT 1962 (VOC)	RD1418	RD1107	RT1501	RT 1980 Adhesive (tackifier)	RD 1794							
		Chemlock 238E	Toluene	Chlorinated treat TM-300P		Alcohol	Thinner VD	Peroxide	Peroxide	Zincloid		Zinc Stearate						Processed	
February 2011	0	561	0	228		0							300	66,689	75,378	184	486,404	21,766	495,093
March 2011	0	241	0	0		0							0	137,670	109,509	208	602,108	22,357	573,947
April 2011	10	0	0	304		0							300	44,426	113,685	180	581,281	17,637	650,540
May 2011	0	0	0	38		0							300	49,191	94,882	160	501,113	18,120	546,804
June 2011	10	461	0	190		0							0	51,286	93,612	168	551,953	19,090	594,279
July 2011	0	384	0	114		0							300	31,438	58,970	192.0	430,705	15,785	458,237
August 2011	0	230	0	190		0							0	48,961	105,412	176.0	550,856	21,145	607,307
September 2011	0	461	0	0		0							300	47,122	101,699	184.0	445,375	18,766	499,952
October 2011	0	461	0	190		0							0	39,624	92,364	180.0	499,084	20,824	551,824
November 2011	0	230	0	342		0							300	36,926	116,477	180.0	462,277	21,683	541,828
December 2011	0	230	0	0		0							0	28,509	64,276	97.0	310,494	14,165	346,261
January 2012	0	231	0	0		0							0	40,829	102,732	180.0	513,486	20,919	575,389
Totals	0.00	2227.00	0.00	836.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	900.00	273409.00	641930.00	1189.00	3212277.00	133287.00	3580798.00

%VOC Content wgt	0.00	84.50	100	94				100.00					1							
Total VOCs	0.00	1881.82	0	785.84				0.00					0							13328700000 BTUs
Total HAPs	0.00	334.05	0	785.84				0.00					0							+
Carbon Disulphide	0.00												0							1,000,000
Tetrachloroethylene	0.00			760.76									0							=
Toluene (H169)	0.00	334.05	0	25.08									0							13,328.70 MM BTUs
Xylene	0.00							0.00					0							
methanol	0.00												0							

Misc. Chemical Emissions EU #003	
Potential Emissions based on 26,000 tpy	
VOCs	5.42
Total HAPs	2.28
Carbon Disulfide	0.00
Tetrachloroethylene	1.55
Toluene	0.73
Xylene	0.00
Methanol	0.00

Compliance Status

Twelve (12) Months Rolling Data (based on 2012 Actual Material Consumption)

PERMIT REQUIREMENTS

Emission Unit # 1 - Rubber Mixing Process	TOTAL PROCESS RATE	Allowable Emissions	Actual Emissions
Banbury Mixer	Max Allowable 26,000 Actual 1,606	PM lbs/hr 7.1 PM tons/year 31.00	PM YTD TPY 1.915011
Emission Unit #2 - Four Steam Boilers	TOTAL HEAT INPUT	Actual	Actual
	Allowable MAX MM Btut/hr 832,200	MM Btut/hr 13,328.70	Actual <5%
		Max allowable Sulfur In Oil BACT Std.	MAX S <0.05% Actual S 0.00 no oil used in 2008
Emission Unit#3 - Curing & Internal Hose Making Operations	TOTAL PROCESS RATE		
Extrusion Operation	Max Allowable TPY 26,000	Actual TPY 1,790	
Vulcanizers			
Adhesive Application			
Misc. Chemicals Usage at EU# 003 (from VOC Compounds usage in Table 1)		Max Emissions Rate per 12 Months	
Total Amount of VOC or HAPs from purchased chemicals	pounds 2668	Tons 1.3338275	Emissions Limitation 160 Tons
Assumptions made 1) ASSUMES WORST CASE SCENARIO (NO WASTE CALCULATED)			
TOTAL Facility Actual VOC Emissions Incl. EU #3		Max VOC Emissions 160 tpy	Actual VOC Emissions 39.80 tpy