

DAILY REPORT
VINYL DAILY REPORT

12 DEC 02 05:00

3 CEMENT 743

ABD00011541

9	RX CHARGES	ABNORM BAT RPTS	SPILL RPT	PERSONNEL HOURS	SAFETY:
SHIFT	OM 41-45 46847	YES	NO	OVERTIME	YES
10	19	X	X	0	NO
11	19	X	X	0	NO
12	21	X	X	0	NO
TOTALS	21 21 11			0	

INTERMEDIATE SILOS

SILO	PRODUCT	M LBS	GRADE	SILO	PRODUCT	M LBS	GRADE	BLD TK	PRODUCT	%	OM	GOAL	MISCELLANEOUS
281	5265	633	1	1675	5415	116	0800	407	5265	90	1	21	
282	5265	497	1	1676	5415	46	1	501	5415	32	1	21	
475	5265	11EMPT	1	1677	5415	59	REDY	502	5265	36	1	10	
476	5265	11EMPT	1	1678	5385	25	0530	550	POND	0	1	56	
478	5385	18	1	1679	5385	80	1	551	POND	1	1	53	
479	5265	11	1	1680	5385	28	REDY	552	POND	0	1	53	
480	5265	35	1	1681	5265	61	STUP	553	POND	0	1	53	
491	5265	59	1	1682	5265	136	0530	644	5265	69	1	53	
492	5265	54	1	1683	5265	191	0515	646	5385M	1	1	53	
493	5265	55	1	1684	5265	45	1	647	5385M	45	1	53	
575	85M	10EMPT	1	1685	5415	86	0550	648	WATER	88	1	53	
576	85M	14EMTY	1	1686	5385	14	1	649	WATER	91	1	53	
577	85M	10EMPT	1	1687	5385	16	1	650	5525	0	1	53	
578	5525	10EMTY	1	1688	5385	19	REDY	651	5525	0	1	53	
				1689	5265	38	REDY	652	5525	62	1	53	
				1690	5525	11	REDY	653	5525	56	1	53	
				1691	5525	125	1	654	5415	0	1	53	
				1692	DEBOX	16	STUP	655	5415	0	1	53	
								747	5385M	26	1	53	

PRODUCTION TOTALS

SILOS	M LBS	2540.0	RX	PRODUCT	MODE	DRYER	PRODUCT	SILO	RECEIVERS	%	PRODUCT	LBS	RX	#
STRAPPED	WEIGHT	1029	300	5415	POLY	4	OTHR	282	OM FVCM	74	5265	770075	300	
			400	5415	POLY	5	OTHR	691	OM S RVCM	12	5305		0 400	
			500	5415	POLY	6	OTHR	684	OM N RVCM	14			0 500	
			600	5415	POLY	7	OTHR	684	OM N FVCM	14	5385	1112074	600	
			700	5525	POLY	8	OTHR	282	OM S FVCM	34	5385M		0 700	
			741	5385	HRG	9N	5385	687	OM E RVCM	19	5395		0 741	
			742	5385	POLY	9S	5385	686	OM W RVCM	0	5415	658439	742	
			743	5385	POLY	#9	AVG RATE	28	SPHERE	26	5525	250854	743	
			744	5385	POLY	10	5385	679	WATER (FT.)	20		0 744		
			745	5385	WAIT	11	5415	676	BATCHES		TOTAL	2791444	745	
			746	5265	POLY	#10	AVG RATE	16	TOTAL OM	21	MTD K#	30132	746	
			747	5265	POLY	#11	AVG RATE	30	TOTAL NM	32	VCM USE	2007319	747	

2791444
30132.357

Vinyl Resin Flow Sheet

Shift DTime 0700Date 12-12-02

646	Product	Product	647
Level	Blend No	Blend No	Level
%	<u>Stripper</u>		%
	<u>Start Up</u>		

Dryer # 4	Silo
Product <u>5265</u>	<u>282</u>
Blend Tank <u>407</u>	

648	Product	Product	649
Level	Blend No	Blend No	Level
%	<u>WATER</u>		%

Dryer # 5	Silo
Product <u>5525</u>	<u>691</u>
Blend Tank <u>652/653</u>	

650	Product	Product	651
Level	Blend No	Blend No	Level
%			%

Dryer # 6	Silo
Product <u>5265</u>	<u>684</u>
Blend Tank <u>407</u>	

652	Product <u>5525</u>	Product	653
Level	Blend No	Blend No	Level
%	<u>175 7470 %</u>		%

Dryer # 7	Silo
Product <u>5265</u>	<u>684</u>
Blend Tank <u>407</u>	

654	Product	Product	655
Level	Blend No	Blend No	Level
%			%

Dryer # 8	Silo
Product <u>5265</u>	<u>282</u>
Blend Tank <u>407</u>	

644	Product <u>Lo Mol</u>
Level	Blend No <u>Stripper</u>
%	<u>Start Up</u>

502	Product <u>5385</u>
<u>9230244</u>	<u>REG</u>
<u>9230342</u>	
<u>9230441</u>	
<u>9230645</u>	
<u>9230743</u>	
<u>9230944</u>	
<u>9231042</u>	

Fluid Bed Dryer
Product <u>5385</u>
Blend Tank <u>502</u>
North <u>687</u>
South <u>686</u>

407	Product <u>5265</u>
<u>9230546</u>	<u>REG</u>
<u>9230847</u>	

Dryer # 10	Silo
Product <u>5385</u>	<u>679</u>
Blend Tank <u>502</u>	

Dryer # 11	Silo
Product <u>5415</u>	<u>676</u>
Blend Tank <u>501</u>	

501	Product <u>5415</u>
<u>1757740</u>	<u>REG</u>
<u>1757850</u>	
<u>1757960</u>	
<u>1758030</u>	

747	Product <u>5385M</u>

Product Transferring		
From	To	
<u>281</u>	<u>492</u>	<u>5265</u>
<u>282</u>	<u>490</u>	<u>5265</u>

DATE 12-11-02

DRYER PRODUCTION AND STATUS REPORT

Time	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	100	200	300	400
No 4282 Product																								
5265 Silo			689															281			282			
No 5690 Product																								
5525 Silo					691																			
No 6681 Product																								
5265 Silo			683															682			684			
No 7684 Product																								
5265 Silo			683						681												684			
No 8282 Product																								
5265 Silo			689														282							
No 9687 Product																								
5385 Silo																								
No 1288 Product																								
5385 Silo																								
No 1686 Product																								
5415 Silo																								
Down Time																								
Description																								
Big Pit																								
Little Pit																								
282 Blower																								
281 Blower																								

5 Closed Dryer
10 P.M. + 17 Hours Scrub

6 - Flamed Out

Catalyst Charge Sheet

<u>Old Module</u>									
Day Shift Operator: <u>M. Bailey</u>						Date: <u>12-11-02</u>			
Night shift Operator: <u>J. Owen</u>									
<u>Catalyst Type:</u>					<u>Changes:</u>				
	610	288	L-10	554		610	288	L-10	554
Reactors:									
Rx-300	4		4						
Rx-400	4		4						
Rx-500	4		4						
Rx-600	4		4						
Rx-700	5		5						
<u>New Module</u>									
Day Shift Operator: <u>D. Bowles</u>									
Night shift Operator: <u>Chris White</u>									
<u>Catalyst Type:</u>					<u>Changes:</u>				
	610	288	L-10	554		610	288	L-10	554
Reactors:									
Rx-741		4	3						
Rx-742		4	3						
Rx-743		4	3						
Rx-744		4	3						
Rx-745		8	5						
Rx-746			2	6					
Rx-747			2	6					
Comments									

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 12-11-02

Equipment	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400	
300							5415 1756330						5415 1756330					5415 1756330					5415 1756330		
400							5415 1756440						5415 1756440						5415 1756440						
500							5415 1756350						5415 1756350						5415 1756350						
600							5415 1756460						5415 1756460						5415 1756460						
700							5415 1756270						5415 1756270						5415 1756270						
Stripper	200				300										200										
Strainer																									
Cleaning																									
Total Charges = 21																									

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 12-11-02

Equipment	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400
741	5385 9227841					5385 9228441				5385 9228441						5385 9228441					5385 9230441			
742					5385 9228342					5385 9228442						5385 9229542					5385 9230342			5385 9230442
743					5385 9228344					5385 9228444						5385 9229444					5385 9230444			5385 9230743
744					5385 9228445					5385 9228445						5385 9229445					5385 9230445			5385 9230944
745					5385 9228445					5385 9228445						5385 9229445					5385 9230445			5385 9231146
746					5385 9228445					5385 9228445						5385 9229445					5385 9230445			5385 9231146
747					5385 9228447					5385 9228447						5385 9229447					5385 9230447			5385 9230847
Hi-Mol Stripper	300	340							400			240				360	360	360	360	360	360	360		460
Lo-Mol Stripper	200					200				140						190	200	200	200	200	200			
Strainer Cleaning																								
747-30 min HIGH BLEND TANK LEVEL 745-40 min DTL/BTL 747-70 min. DTL/BTL																								
747 lost 80 mins, high blend tank level 747 lost 65 mins, dump tank, blend tank level 744 lost 60 mins, charging 747 & filling pressure checking 743 742 lost 25 mins, 743 & charging 744 743 - 9 hours cleaning 745 lost 30 mins, dump tank level																								
Hi-Mo Charges = 10 //										Lo-Mo Charges = 5 6										Total Charges = 32				

Vinyl Sample Results

Date 12-11-02

Product	Blend #	PARTICLE SIZE										Pas'	HP	Bulk Density	Fluff	Flow	L Color	h Color	B Color	FTIR	PV-A	RVCul	Run Time
		Micron	40	60	80	100	120	140	200	Pan													
5385	9226843	191	0.0	14.0	41.8	19.9	12.8	6.1	4.4	0.9	5.3		.588	.60	8.1	99.1	.12	1.67	495	180	2199	357	
5385	9227042																			175	2200	354	
5385	9227141																			177	2201	410	
5385	9227245																			281	3001	326	
5265	9227340	151	0.0	0.5	18.4	30.8	27.8	13.3	6.9	2.3	9.2		.570	7.9	98.7	.36	2.38	110	13463	999	258		
5265	9227447																			13463	1002	254	
5385	9227544																			179	2202	405	
5385	9227642																			174	2200	347	
5385	9227743																						
5385	9227841	191	0.0	14.3	41.3	19.6	12.8	6.3	4.7	1.0	5.6		.584	.604	7.5	99.2	.14	1.71	491	179	2186	405	
5265	9227946	150	0.0	1.9	15.6	28.1	28.0	15.9	9.1	1.5	10.6		.579	7.2	98.8	.42	2.42	1014	13461	1002	304		
5385	9228045																			280	3002	317	
5265	9228147																			13463	1004	273	
5385	9228244																			178	2074	400	
5385	9228342																			177	2201	356	
5385	9228441																			178	2080	358	
5265	9228546																			13468	1003	255	
5385	9228645	195	0	15	39.5	19.6	13.2	6.6	5	1.1	6.1		.574	.580	6.9	99.28	.1	1.72	179	276	2010	322	
5265	9228747																			13470	1004	247	
5385	9228844																			178	2203	409	
5385	9228942																			180	2180	400	
5265	9229046	149	0	.4	16.1	29.8	28.9	15	8.4	1.4	9.8		.608	6.9	98.62	.32	2.47	310	13869	1003	302		
5385	9229141																			181	1346	400	
5385	9229245																			279	1881	321	
5265	9229347	148	0	.9	16	29.4	28.3	14.9	8.4	2	10.5		.602	7.2	98.4	.29	2.44	925	13567	1001	2445		
5385	9229444																			177	2074	404	
5385	9229542	184	0	11.8	39.7	20.3	13.9	7.2	5.7	1.4	7		.576	.582	6.6	99.25	.07	1.77	345	178	1889	403	
5385	9229641																			179	2202	357	
WATER	9229746																			0	0		
5385	9229845																			278	3003	331	
5265	9229946																			13765	604	256	
WATER	9230047																			0	0		
5265	9230147																			133/100	1002	243	

Vinyl Sample Results

Date 12-11-02

ABD00011548

Prod-ct	Blend #	PARTICLE SIZE											Bulk Density	Fluff	Flow	"L"		"B"		PVA	RVCM	Run Time
		Micron		40	60	80	100	120	140	200	300	Color				Color	Color	Color				
		→	→																			
5525	1754870	→ 171	0.0	3.8	34.9	28.4	19.4	8.3	4.6	0.7	5.2	7/3	1.482	8.4	99.0	1.41	1.37	0	14675	1611	44/3	
5415	17566340	→ 174	0.0	4.4	37.6	28.9	19.9	6.8	3.6	0.9	4.5	1/5	1.496	9.1	99.3	0.1	1.49	129	87/44	1411	418	
5415	1755450	-																	87/44	1412	416	
5415	1755530	-																	88/45	1413	425	
5415	1755670	-																	16379	1802	429	
5415	1755760	-																	86/44	1140	413	
5415	1755850	-																	87/44	1411	420	
5415	1755940	→ 177	0.0	5.1	40.2	28.4	16.7	6.0	3.0	0.6	3.6	1/4	1.480	17.2	99.2	1.2	1.52	0	85/45	1408	417	
5415	1756030	-																	86/44	1410	419	
5415	1756160	-																	87/44	1180	415	
5525	1756270	→ 175	0.0	4.8	38.2	27.8	17.4	7.0	3.9	0.8	4.7	7/4	1.486	8.1	99.1	0.36	1.42	0	14577	1506	440	
5415	1756350	-																	86/44	1410	412	
5415	1756440	-																	83/45	1289	424	
5415	1756530	→ 169	0	1.5	36.9	29.7	19.2	7.6	4.2	9	5.1	9/4	1.492	17.1	99.11	0.7	1.80	136	83/44	774	418	
5415	1756660	-																	81/44	1408	416	
5525	1756770	→ 163	0	1.1	31.6	29.2	22	9.9	5.4	8	6.2	8/3	1.490	7.2	99.01	0.36	1.44		14374	1610	409	
5415	1756850	-																	82/42	1408	415	
5415	1756940	-																	86/44	1409	407	
5415	1757060	-																	83/45	1410	416	
5415	1757130	→ 170	0	4	34.5	28.6	19.3	8	4.5	1.1	5.6	9/4	1.498	7.6	99.2	0.7	1.64	90	81/45	1209	422	
5415	1757250	-																	83/44	1411	430	
5415	1757340	-																	83/43	1408	424	
5525	1757470	→ 171	0	4.7	34.5	26.7	19	9.1	5.4	7	6.1	8/6	1.496	7.1	98.91	0.34	1.45		14675	1612	417	
5415	1757560	-																	85/45	1126	414	
5415	1757630	-																	82/44	1316	415	

Leak Detection and Elimination Sheet

Date/ Time	Leak No / Written up By	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not No	What Repairs Were Made?	Date Repaired	Repaired By	Repair Verified By
12-11-02	6618	GC #1		Valve leaking on Nepco line on new Unit V.C. Manager						
0130	J.L.	#10	8.9	Found						
12-11-02	6619	GC #4		Found		0			CH	CH
1824	PD	#3	10.0	C.H.						
12-11-02	6620	#1	6.6/5.6	Charge valve		0			CH	CH
1815	CH	#3 2307								
12-11-02	6621	GC #5	5.3	Found		0			CH	CH
2009	GS	1								
12-11-02	6622	GC 5	9.4, 10.	Found		0			CH	CH
2111	GS	#1 GC #4	9/10/10/10	Found						

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph
This sheet is to be distributed as part of the Vinyl Morning Report and returned to the Environmental Manager when all sections are completed

Leak Detection and Elimination Sheet

Date/ Time	Leak No / Written up By	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not No	What Repairs Were Made?	Date Repaired	Repaired By	Repair Verified By
12-8-02	6612	GC#5 #	7.6							
220	GS									
12-9-02	6613	GC#4 #3	5.5	NOTED TOWER	0	NO	NONE			
1814				W.M.						
12-9-02	6614	GC#1	6.2	N4 Hwy fence		NO	NONE			
2142	GS			TOWER						
12-9-02	6615	GC#4 #3	5.6 10.0	#1 SPOT VAPOR	10	NO	retaped P.P.C	12/9	WR	WR
2231	PD			TOWER			WR			
12-10-02	6616	#1	10/10/71 6.5/10/19 8.1/9/8.5 10/50/10.7	#1 SPOT change oil	0.5	NO		12-10	CP	CP
2210	CH	#5 2, 4, 6								
12-11-02	6617	#1	10/6/6/6.4	nothing found	0	NO			CP	CP
0500	CH	#5 4, 6	7.2							

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph
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