

DATE 12-8-02

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	300	400
No. 4 5265	Product																					
281	Silo																					
No. 5 5225	Product																	5265				
680	Silo																681					
No. 6 5265	Product																					
683	Silo										684											687
No. 7 5265	Product																					
282	Silo																					
No. 8 5265	Product																					
683	Silo										684											683
No. 9 5265	Product																					
686	Silo																					
No. 10 5265	Product																					
688	Silo																					
No. 11 5265	Product																					
675	Silo																					
Down	#11-Low 501 Level																					
Time	#11-Flushing Scrubber 8																					
Description	Low 501 Level																					
Big Pit	From																					
	To																					
Little Pit	From																					
	To																					
282 Blower	From																					
	To																					
281 Blower	From																					
	To																					

Vinyl Resin Flow Sheet

Shift BTime 0700Date 12-9-02

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

Dryer # 4	Silo:
Product: <u>5265</u>	<u>281</u>
Blend Tank: <u>407</u>	

648	Product:	<u>5525</u>	Product:	649
Level:	Blend No.	<u>1750970</u>	Blend No.	Level:
%		<u>1.</u>		%

Dryer # 5	Silo:
Product: <u>5265</u>	<u>689</u>
Blend Tank: <u>407</u>	

650	Product:	<u>5385</u>	Product:	651
Level:	Blend No.		Blend No.	Level:
%				%

Dryer # 6	Silo:
Product: <u>5265</u>	<u>689</u>
Blend Tank: <u>407</u>	

652	Product:	<u>5525</u>	Product:	653
Level:	Blend No.		Blend No.	Level:
%				%

Dryer # 7	Silo:
Product: <u>5265</u>	<u>282</u>
Blend Tank: <u>407</u>	

654	Product:		Product:	655
Level:	Blend No.		Blend No.	Level:
%				%

Dryer # 8	Silo:
Product: <u>5265</u>	<u>683</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>

Fluid Bed Dryer
Product: <u>5385M</u>
Blend Tank: <u>747</u>
North: <u>687</u>
South: <u>686</u>

407	Product:	<u>5265</u>
<u>9219746</u>	<u>REG</u>	
<u>9220147</u>		
<u>9220546</u>		

Dryer # 10	Silo:
Product: <u>5385M</u>	<u>688</u>
Blend Tank: <u>747</u>	

501	Product:	<u>5395</u>
<u>1751470</u>	<u>REG</u>	
<u>1751550</u>		
<u>1751660</u>		
<u>1751730</u>		
<u>1751840</u>		

747	Product:	<u>5385M</u>
<u>9219845</u>	<u>REG</u>	
<u>9219941</u>		
<u>9220043</u>		
<u>9220244</u>		
<u>9220342</u>		
<u>9220445</u>		

Dryer # 11	Silo:
Product: <u>5395</u>	<u>676</u>
Blend Tank: <u>501</u>	

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

Catalyst Charge Sheet

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

Date 12-8-02

REACTOR DAILY PRODUCTION AND STATUS REPORT

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																								
400																								
500																								
600																								
700																								
Stripper																								
Strainer																								
Cleaning																								

last 110 min, rec 500 rec 700 + 400

last 1:10 Rec 400 + 500

last 50 min Rec 400

last 1:10 Rec 700

last 1:15 Rec 500 + 700

last 1:10 Rec 500 + 600

last 1:10 min, rec 500, rec 700

last 1:10 min, rec 600, rec 700 + 500

last 1:10 min, rec 300, rec 500 + 600

last 1:10 min, rec 400, rec 600 + 300

last 35 min, rec 500, rec 700

last 60 min, rec 600, rec 500

9

8

HI-Mo Charges =

Lo-Mo Charges =

0

Total Charges =

17

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 12-8-02

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	5385M 9217241				5385M 9217941						5385M 9218541					5385M 9219241				5385M 9219941				5385M 9220241
742				5385M 9217542							5385M 9218142													5385M 9220342
743				5385M 9217343							5385M 9218043													5385M 9220443
744				5385M 9217644							5385M 9218344													5385M 9220544
745	5385M 9217045										5385M 9217745													5385M 9220645
746				5385M 9217846							5385M 9218446													5385M 9220746
747	5385M 9217147										5385M 9217847													5385M 9220847
Hi-Mol Stripper																								
Lo-Mol Stripper																								
Strainer Cleaning	ELP	HWD	LVD																					
746 - Lost	75 min.																							
745 - Lost	70 min.																							
747 - Lost	40 min.																							
746 - Lost	65 min.																							
747 - Lost	75 min.																							
746 - Lost	60 min.																							
Total Charges = 37																								

Vinyl Sample Results

Date: 12-8-02

Product	Blend #	PARTICLE SIZE										Past 140	HP	Bulk Density	Fluff	Flow	"L" Color	"A" Color	"B" Color	FTIR	PVA	RVCM	Run Time
		Micron	40	60	80	100	120	140	200	Pan													
5385M	9216244	→ 158	0	3.4	23.2	20.7	23.3	12.4	8.5	1.5	9.9			581	582	7	99.2	1.5	1.22	190	78/45	150/4	336
5265	9216347																				133/41	100/7	245
5385M	9216445																				97/46	276/1	310
5385M	9216541																				79/41	140/3	357
5385M	9216643																				80/41	180/1	356
5265	9216746	→ 145	0	0.6	15.7	20	22.1	15.7	11	2.9	13.9			1001	7	98.44	2.7	2.37	477	236/6	100/1	250	
5385M	9216842																				70/43	1120	410
5385M	9216944																				78/46	1711	345
5385M	9217045	→ 174	0	9.4	28.7	21.6	18.1	11.3	9.4	1.6	11			515	571	7.1	99.2	0.3	1.82	114	98/47	299/5	311
5265	9217147																				130/66	100/3	245
5385M	9217241																				79/41	984	353
5385M	9217343																				78/47	1571	352
5265	9217446	→ 146	0	1	11.5	20.8	28.2	16.2	10.4	2	12.4			1001	7.1	98.66	2.8	2.36	163	133/100	100/3	302	
5385M	9217542																				75/62	180/3	357
5385M	9217644																				79/41	1804	350
5385M	9217745																				101/67	220/3	350
5265	9217847																				134/67	100/5	253
5385M	9217941																				78/46	1800	356
5385M	9218043	→ 169	0	5.4	31.6	26	19.7	9.7	6.3	1.2	7.5			580	627	7.2	99.21	7.03	1.55	160	71/49	1738	351
5385M	9218142																				75/63	1800	354
5265	9218246	→ 145	0	.9	13.9	27.1	28.3	16.7	11.1	2.1	13.2			1002		7.5	95.6	2.9	2.25	668	130/64	100/2	304
5385M	9218344																				76/61	1616	345
5385M	9218445																				101/67	3000	333
5385M	9218541																				75/62	1800	403
5265	9218647																				134/57	100/3	249
5385M	9218743																				70/66	1747	353
5385M	9218842	→ 180	0	9	37	25.5	16.5	7	4.2	.8	5.1			591	623	7.2	99.32	7.01	1.53	162	78/42	180/2	355
5385M	9218944																				76/41	1800	336
5265	9219046	→ 147	0	.4	15.9	28.7	28.2	15.4	9.4	2.1	11.4			599		7.3	98.69	2.31	2.34	182	133/42	100/2	255
5385M	9219145																				99/45	3000	310
5385M	9219241																				76/42	1798	358
5385M	9219343																				77/41	1796	349
5265	9219447																				133/67	998	242
5385M	9219542																				77/40	1800	408
5385M	9219644																				79/45	1096	338
5265	9219746																				131/63	1006	250

Date: 12-8-02

Vinyl Sample Results

Product	Blend #	PARTICLE SIZE										Micron	Bulk Density	Fluff	Flow	"L" Color	"A" Color	"B" Color	FTIR	PVA	RVCM	Run Time
		40	60	80	100	120	140	200	300	400	500											
5525	1749770	→ 177	0	55	40	369	16.2	6.5	3.7	1			4.7	13/3	482	7	99.2	1.5	1.22	14475	1811	435
5395	1749830	→ 179	0	87	386	238	154	74	5.3	1			6.2	9/2	506	7.3	99.09	1.3	1.42	51/38	1409	356
5395	1749940	→ 179	0	87	386	238	154	74	5.3	1			6.2	9/2	506	7.3	99.09	1.3	1.42	55/22	1411	402
5395	1750050	→ 179	0	87	386	238	154	74	5.3	1			6.2	9/2	506	7.3	99.09	1.3	1.42	55/22	1411	402
5395	1750160	→ 179	0	87	386	238	154	74	5.3	1			6.2	9/2	506	7.3	99.09	1.3	1.42	55/22	1411	402
5395	1750230	→ 179	0	87	386	238	154	74	5.3	1			6.2	9/2	506	7.3	99.09	1.3	1.42	55/22	1411	402
5525	1750370	→ 165	0	0	22.7	30.2	21	10.8	8.7	1.6			4.3	4/3	486	7.4	99.09	1.9	1.35	52/43	1408	355
5395	1750440	→ 163	0	6.7	289	18.2	16.7	13.2	14.5	1.8			5.2	5/2	524	6.7	98.99	2.5	1.46	55/43	1408	351
5395	1750550	→ 163	0	6.7	289	18.2	16.7	13.2	14.5	1.8			5.2	5/2	524	6.7	98.99	2.5	1.46	55/43	1408	351
5395	1750660	→ 163	0	6.7	289	18.2	16.7	13.2	14.5	1.8			5.2	5/2	524	6.7	98.99	2.5	1.46	55/43	1408	351
5395	1750730	→ 178	0	6.5	40.3	25.6	15.7	6.7	4.3	9			5.3	6/2	516	7	98.86	0.6	1.25	55/44	1407	350
5395	1750840	→ 177	0	5.1	40.1	27.8	16.8	6.3	3.3	6			3.9	5/3	487	7.6	99.1	2.4	1.27	146/75	1809	440
5525	1750910	→ 175	0	4.9	38.4	27.6	17.1	7	4.2	9			5.1	8/3	523	7.1	99.02	1.2	1.35	54/42	1441	342
5395	1751050	→ 175	0	4.9	38.4	27.6	17.1	7	4.2	9			5.1	8/3	523	7.1	99.02	1.2	1.35	54/42	1441	342
5395	1751160	→ 175	0	4.9	38.4	27.6	17.1	7	4.2	9			5.1	8/3	523	7.1	99.02	1.2	1.35	54/42	1441	342
5395	1751230	→ 175	0	4.9	38.4	27.6	17.1	7	4.2	9			5.1	8/3	523	7.1	99.02	1.2	1.35	54/42	1441	342
5395	1751340	→ 175	0	4.9	38.4	27.6	17.1	7	4.2	9			5.1	8/3	523	7.1	99.02	1.2	1.35	54/42	1441	342
5395	1751470	→ 175	0	4.9	38.4	27.6	17.1	7	4.2	9			5.1	8/3	523	7.1	99.02	1.2	1.35	54/42	1441	342

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 4	7.6							
2-20	65									

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:
12-7-02	6606	GC#5		HX DUNE PUMP AND STRAINER			FOUND NOTHING. READING CLEAR UP THE NEXT CLOCK			
07:14	AS	7	10.0							
12-7-02	6607	GC#1	6.1	Found nothing	6	NO	none			
1844	BN	2		TC			TECH			
12-7-02	6608	GC#5	10.0							
19:07	GS			DM						
12-7-02	6609	GC#1	10.0	#2 Spot C. 40.0	8	NO	Changed O-ring	12/7	TC	TC
1934	BN	4	5.7 9.4	TC						
12-8-02	6610	#1	10/5.4/96							
0640	CA	#283								
12-8-02	6611	GC#1	5.7 10.0	#8 vapor line	0	NO	changed O-ring	12/8	LC	LC
2222	BN	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.
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:
12-6-02 1843	6600 PD	#5 GC#4 #2 #3	8.3 10.0	#1 Spot Liquid Line packing at manual valve	10	NO	Tightened packing	12/6	TC	TC
12-6-02 1932	6601 BN	GC#1 6	10.0	Same as above T.C.	10	NO	Same as above	12/6	TC	TC
12-6-02 0315	6602 KC	GC#5 1 2	10.0 6	#14 Spot Liquid Line	10	NO	Replaced wing	12/6	TC	TC
12-6-02 0356	6603 BN	GC#1 2	10.0 7.3 8.6 8.3 8.0				TIGHTENED WING LIN			
12-6-02 0356	6604 PD	#4 #3	10.0	Nothing found	0	NO	none			
12-7- 06:25	6605 AS	GC#5 2	6.7	MIDDLE STATION NEW SEASON LINE W.R.			TIGHTENED WING LIN			

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:
12-4-02 1710	6594 PAW	GC#1 7	513	Nothing Found.	NO	NO	none			
12-5-02 10:13	6595 AS	GC#5 #7	9.4	HM DUMP PUMP AND STRAINER			FOUND NOTHING READING CLEAR UP THE NEXT CHECK			
12-5-02 1534	6596 AS	GC#5 #9	10.0	CONDENSER LEVEL RAISED			FOUND NOTHING			
12-6-02 0130	6597 CN	GC5 9	6.4	D. Hooper	0	NO	Found nothing	12-6	DH	DH
12-6-02 0350 0435	6598 CN	GC5 8	9.8 9.1 5.3	D. Hooper	0	NO	Replaced O-ring on strainer	12-6	DH	DH
12-6-02 1731	6599 AS	GC5 7	6.1	HM DUMP PUMP ESTRAINER			FOUND NOTHING READING CLEAR UP THE NEXT CHECK			

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.