

Vinyl Resin Flow Sheet

Shift DTime 0700Date 4-4-03

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>282</u>
Blend Tank <u>407</u>	

648	Product	<u>5385</u>	Product	649
Level	Blend No		Blend No	Level
%				%

Dryer # 5	Silo
Product <u>5265</u>	<u>282</u>
Blend Tank <u>407</u>	

650	Product	<u>5265</u>	Product	651
Level	Blend No		Blend No	Level
%				%

Dryer # 6	Silo
Product <u>5265</u>	<u>282</u>
Blend Tank <u>407</u>	

652	Product	<u>5385</u>	Product	653
Level	Blend No	<u>1912070</u>	Blend No	Level
%	<u>WASHED Out</u>	<u>(Coarse)</u>		%

Dryer # 7	Silo
Product <u>5265</u>	<u>281</u>
Blend Tank <u>407</u>	

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

Dryer # 8	Silo
Product <u>5415</u>	<u>692</u>
Blend Tank <u>501</u>	

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

502	Product	<u>5385</u>
<u>1997140</u>	<u>REG</u>	
<u>1997250</u>		
<u>1997360</u>		
<u>1997430</u>		
<u>1997570</u>		
<u>1997430</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>9606147</u>	<u>REG</u>	
<u>9606346</u>		

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

Dryer # 11	Silo
Product <u>5385</u>	<u>675</u>
Blend Tank <u>502</u>	

501	Product

747	Product	<u>5385M</u>
<u>9605743</u>	<u>REG</u>	
<u>9605944</u>		
<u>9606042</u>		
<u>9606245</u>		

Product Transferring:		
From	To	
<u>281</u>	<u>493</u>	<u>5265</u>
<u>282</u>	<u>490</u>	<u>5265</u>
<u>577</u>	<u>577</u>	<u>5385</u>

DATE 4-3-03

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 5205	Product		1401								1444			1401									
No 5 5205	Silo									141						282							
No 6 5205	Product																						
No 7 5205	Silo																						
No 8 5205	Product																						
No 9 5205	Silo																						
No 10 5205	Product																						
No 11 5415	Silo																						
Down																							
Time																							
Description																							
Big Pit	From To	575								577				577									
Little Pit	From To	683								577				577									
282 Blower	Prod	5385								5385				5385									
281 Blower	From To	282								5385				5385									
	Prod	5265								5385				5385									
	From To	282								5385				5385									
	Prod	5265								5385				5385									
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	Prod	5265																					

Catalyst Charge Sheet

<u>Old Module</u>									
Day Shift Operator <u>Jeff Sykes</u>						Date <u>4-3-03</u>			
Night shift Operator <u>Chris White</u>									
<u>Catalyst Type</u>					<u>Changes</u> ⁵³⁸⁵ @ 2200				
	610	197	L-10	125		610	197	L-10	125
Reactors									
Rx-300	4		3			3	3		
Rx-400	4		3			3	3		
Rx-500	4		3			3	3		
Rx-600	4		4			4	3		
Rx-700	6		5			6	4		
<u>New Module</u>									
Day Shift Operator <u>D. Shelmut</u>									
Night shift Operator <u>B. Misk</u>									
<u>Catalyst Type</u>					<u>Changes</u>				
	610	197	L-10	125		610	197	L-10	125
Reactors									
Rx-741		4	3						
Rx-742		3	3			3	2		
Rx-743	Down					4	3		
Rx-744		4	3						
Rx-745		8	4						
Rx-746			2	6					
Rx-747			2	6					
Comments <u>Changed to 5385 in West Module @ 2200.</u>									

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 4-3-03

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 1996038					5411 1996533												5385 1997439				5385 1997830
400			5415 1996240					5411 1996533			5411 1996640									5385 1997440				5385 1997640
500			5415 1996150					5411 1996460			5411 1996750									5385 1997250				5385 1997750
600			5415 1995400					5411 1996460			5411 1996750									5385 1997250				5385 1997750
700								5411 1996370			5411 1996870									5385 1997360				5385 1997960
ripper	200							200												300	700	300	200	300
rainner		200						200												300	700	300	200	300
eaning								200												300	700	300	200	300

400 best 1:40 Water Tower low
 500 best 2:10 Water Tower low
 600 best 1:40 Water Tower low
 700 best 2:00 Water Tower low
 700 best 10 mins dumping low

10

-Mo Charges = 21

Lo-Mo Charges =

Total Charges = 21

Date 1-3-02

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					5385M				5385M						5385M				5385M		
742				5385M					5385M				5385M						5385M				5385M		
743				5385M					5385M				5385M						5385M				5385M		
744				5385M					5385M				5385M						5385M				5385M		
745				5385M					5385M				5385M						5385M				5385M		
746				5385M					5385M				5385M						5385M				5385M		
747				5385M					5385M				5385M						5385M				5385M		
Hi-Mol Stripper				5385M					5385M				5385M						5385M				5385M		
o-Mol Stripper				5385M					5385M				5385M						5385M				5385M		
Strainer Cleaning				5385M					5385M				5385M						5385M				5385M		
742-15 min dumping 745 746-35 min looking inside + Taking Pictures 747-1 1/4 hrs working on hard panel cooling water 742-40 min replacing spool piece																									
745 LOST 90 MIN. LOW LEVEL IN WATER TOWER 747 LOST 70 MIN. LOW LEVEL IN WATER TOWER 741 LOST 40 MIN. LOW LEVEL IN WATER TOWER 743 LOST 5 1/2 HRS. CLEANING, MAINT AND WATER TOWER 746 LOST 45 MIN. LOW LEVEL IN WATER TOWER 745 LOST 10 MIN. DUMPING 747 743 LOST 10 MIN. DUMPING 741 744 LOST 40 MIN. LOW LEVEL IN WATER TOWER																									
XL173-1037 3 HRS : RECOVERING 746-747																									
Lo-Mo Charges = 10 + 11																									
Lo-Mo Charges = 5 + 5																									
Total Charges = 31																									

Product	Blend #	PARTICLE SIZE										Bulk		Flow		"L" Color	"A" Color	"B" Color	FTIR	PVA	RVCM	Run Time
		Micron	40	60	80	100	120	140	200	Pan	Past 140	HP	Density	Fluff								
5385M	9602444																		70/83	1003	351	
5265	9602546																		139/65	2801	240	
5385M	9602645																		110/105	1841	336	
5385M	9602742																		74/83	999	413	
5265	9602847																		131/105	3008	250	
WATER	9602943																		0	0	—	
5385M	9603041	→105	0	3.5	30.4	28.1	21.2	9.8	5.9	1.1	7	.584	.637	10.6	99.3	-.03	1.6	69/-	1001	357		
5265	9603146	→144	0	1	12.9	26.5	28.8	17.1	11.1	2.7	13.8	.568		9.2	98.4	.99	2.5	—	—	249		
5385M	9603244																	70/8~	1003	354		
5265	9603347																	123/66	2803	248		
5385M	9603445																	112/66	1503	354		
5385M	9603542																	71/82	1001	—		
5385M	9603641																	72/82	1003	353		
Water	9603746																	—	—	—		
5385M	9603844	→166	0	3.5	30.8	28	21	9.7	5.9	1.1	6.9	.584	.628	12.4	98.8	.03	1.4	72/82	1803	356		
5265	9603946	→137	0	1.7	9.7	22.6	28.1	19.6	15.6	3.7	19.3	.564		7.7	98.63	.43	2.50	126/65	3625	241		
5265	9604047																	—	—	—		
5385M	9604145	→163	0	2.8	28.8	28.1	22	10.5	6.6	1.2	7.8	.582	.628	7.1	99.15	.04	1.68	113/105	2303	344		
5385M	9604241																	79/81	803	353		
5385M	9604342																	—	—	—		
5265	9604447																	129/67	3392	241		
5385M	9604542																	71/92	1042	421		
5385M	9604644																	74/82	1524	352		
5265	9604746																	131/51	2484	247		
5385M	9604845																	119/105	1500	335		
5385M	9604941	→168	0	3.7	31.9	28.2	21.1	9.2	5.1	.8	5.8	.579	.618	6.7	99.17	.01	1.72	71/82	1003	353		
5265	9605047																	128/66	2897	245		
5265	9605146	→143	0	.2	11.4	27.1	30.6	18.2	10.9	1.7	12.5	.562		7.3	98.53	.48	2.44	129/67	2994	246		
5385M	9605244																	71/82	1004	353		
5385M	9605342																	74/84	1004	426		
5385M	9605445																	112/104	1501	324		
5265	9605547																	128/50	3001	250		
5385M	9605641																	72/84	1000	357		
5385M	9605743																	182	1001	348		
5265	9605846																	129/64	2155	247		

Date 4-3-03

Vinyl Sample Results

Product	Blend #	Micron			PARTICLE SIZE							Past 140	Bulk Density	Fluff	Flow	"L" Color	"A" Color	"B" Color	FTIR	PVA	RVCM	Run Time	
		40	60	80	100	120	140	200	Pan														
5415	1995150																		87/46	1210	430		
5415	1995270																		164/83	1799	456		
5415	1995340																		85/47	1211	429		
5415	1995460																		86/46	1207	430		
5415	1995530																		84/46	1208	412		
5415	1995650	→ 173	0	4.6	36.8	28.5	18.1	7.2	4	.8	4.8	11/6	488			9.3	99.4	.1	1.5	226	87/44	1208	428
5415	1995740																		88/45	1209	410		
5415	1995870																		161/83	1800	454		
5415	1995960																		87/47	1212	359		
5415	1996030																		88/47	1208	407		
5415	1996150																					415	
5415	1996240	→ 168	0	1.5	36.7	28.6	19.3	8.3	4.8	.9	5.7	10/6	487			6.9	99.3	.16	1.5	239	89/47	1209	428
5415	1996370																		121/85	1801	421		
5415	1996460																		94/46	1210	353		
5415	1996530	→ 170	0	4	34.4	28	19.1	8.5	5.2	.9	6.1	17/7	488			7.1	99.24	1.08	1.50	283	89/46	1207	443
5415	1996640																		93/47	1208	457		
5415	1996750																		93/47	1214	430		
5415	1996820																		109/83	1801	505		
5415	1996900	→ 156	0	1.8	25.4	27.6	23.6	13.5	8.4	.7	9.1	17/11	487			7.5	98.78	1.19	1.50	267	91/46	1209	480
5415	1997030																		85/46	1211	508		
															</								

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
3-28-03	6935	#5		NEW COMP SHEET NEW EAST UNIT INC	7.0	NO	Framing nothing		CH	CH
09-12	AS	4	6.2							
3-28-03	6936	SC #1	5.6	Under Copper J.D.R.	NO	NO	Framing nothing			
1930	BN	8								
3-29-03	6937	SC #2	6.7	Under Copper J.D.R.	NO	NO	Framing nothing			
2027	BN	3								
3-30-03	6938	SC #1	10.0							
0548	BN	1								
3-31-03	6939	GC-1								
20105	B	#1-#2	9.7/10	Will R.						
4-2-03	6940	#1	7.4/5.2/5	Framing Nothing	NO	NO	Framing Nothing		HL	
1930	CH	#1	5.2/10/10/10							

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
3-26-03	6928	GC# 5	10	#14 spot short Liquid Line (north)	10	YES	Changed short Liquid Line # 14 spot north line	3/24/03	Mait	DA
0645	KC	GC# 5	10	#14 spot vapor line	10	YES	changed vapor line # 14 spot	3/24/03	Mait	DA
3-26-03	6928	GC# 5	10							
0730	GS	GC# 5	10							
3-26-03	6928	GC# 5	10							
1304	KC	GC# 5	10							
3-26-03	6924	GC# 1					changed out 923			
19:55	B3	#1	10	R Gates	10	ND				
3-26-03	6927	GC# 5	7.0 7.9				found R nothing			
2135	CN	#4 #2	8.8							
2150		#1		R Gates						
2205										
3-26-03	6928	GC# 1					found R nothing			
20:50	T3	#1, 3, 5	7.9, 7.8	R Gates						

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