

Catalyst Charge Sheet

<u>Old Module</u>									
Day Shift Operator: <u>C. P. Cerec</u>						Date: <u>1-07-02</u>			
Night shift Operator: <u>R. Langford</u>									
<u>Catalyst Type:</u>					<u>Changes:</u>				
	610	288	L-10	554		610	288	L-10	554
Reactors:									
Rx-300	3		3						
Rx-400	3		3						
Rx-500	3		3						
Rx-600	3		3						
Rx-700		6	5						
<u>New Module</u>									
Day Shift Operator: <u>Greg Oliver</u>									
Night shift Operator: _____									
<u>Catalyst Type:</u>					<u>Changes:</u>				
	610	288	L-10	554		610	288	L-10	554
Reactors:									
Rx-741		3	3						
Rx-742		3	3						
Rx-743		3	3						
Rx-744		3	3						
Rx-745		6	4						
Rx-746		7	4						
Rx-747		7	4						
Comments:									

Catalyst Charge Sheet

<u>Old Module</u>								
Day Shift Operator: <u>E. R. L. L. L.</u>						Date: <u>1-7-02</u>		
Night shift Operator: _____								
<u>Catalyst Type:</u>					<u>Changes:</u>			
	610	288	L-10	554	610	288	L-10	554
Reactors:								
Rx-300	3		3					
Rx-400	3		3					
Rx-500	3		3					
Rx-600	3		3					
Rx-700	0	Le	5					
<u>New Module</u>								
Day Shift Operator: _____								
Night shift Operator: <u>Michael S. Hughes</u>								
<u>Catalyst Type:</u>					<u>Changes:</u>			
	610	288	L-10	554	610	288	L-10	554
Reactors:								
Rx-741		3	3					
Rx-742		3	3					
Rx-743		3	3					
Rx-744		3	3					
Rx-745		6	4					
Rx-746		7	4					
Rx-747		7	4					
Comments: _____								

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:
7-6-01	5661	#1	7.1	SOUTH STATION, NEW EAST UNLOADING	0	NO	found nothing	1/6	WR	WR
0628	AS	#2	10.0	MIDDLE STATION NEW EAST UNLOADING	0		FOUND NOTHING	1/6	7HL	7HL
11-6-01	5662	#1	6.6	Compressor skid	0					
1730	Ch	#1		7HL	8	NO		1/6	TC	TC
11-6-01	5663	skid #1	6.4	old comp. skid (pulled pot down on #2 comp. TC)						
1956	BN	1								

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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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:
1-4-02 2118	5655 BN	GC #1 3	10.1	north middle vcn unloading	10	NO	Tightened snappy TGC	1/4	TC	TC
1-4-02 22:08	5656 RC	GC #5 1	6.7	South VC unloading # 13 spot	10	NO	Replaced 'oring on Liquid line	1/4	TC	TC
1-4-01 0350	5657 BN	GC #2 5	6.3	Nothing found Robert Langford			Nothing found Robert Langford			
1-5-02 0600	5658 RC	GC #5 4	7.1				VC trapped in lines, shut off pulled down hooked	1/5	WR	WR
1-5-02 0620	5659 CH	#1 3 4 5	8.5/8.5 8.5/9.2				VC trapped in lines	1/5	WR	WR
1-6-02 0620	5660 CH	#1 #3	5.3					1/6	WR	WR

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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:
1-1-02	5643	GC 3	—	West Pump Strainer lid Not Sealing	30	No	Tighten lid stop leak and readings	1-1-02	GA	GA
1-5-18	KC	3	98	GP						
1-1-02	5644	GC 5	10.0 5.3	# 14 SPOT	D	No	unhook R/C air line was hooked up on liquid end	1-1-02	DB	DB
1-1-02	5645	GC 5	10.0 6.1	D. Barn	D	No	Nothing found PUT VC's on vapor	1-1-02	DB	DB
1-2-02	5646	GC 5	—	Dump Strainer O-ring leaking	25	No	Tighten lid seal O-ring	1-2-02	GA	GA
1-2-02	5647	GC 5	10.0	GP						
1-2-02	5648	GC 5	10.0 10.0	D. Barn	D	No	Charged out O-ring	1-2-02	DB	DB
1-2-02	5649	GC 5	10.0 10.0	D. Barn						
1-2-02	5650	GC 5	10.0 10.0	D. Barn						

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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:
1-3-02	5649	# 2	10	Dumping 700 Rx Cleared Next check	NA	NA	NA	NA	NA	NA
1-3-02	5650	# 1	7.6/5.4	Compressor shed	.0	NO	nothing found	CH	CH	CH
1-3-02	5651	# 1	5.9/5.8	CH	10.0					
1-3-02	5652	# 3	10.2	Sanitary valve an compressor shed C. Haynes CH	No	No		HP	HP	HP
1-3-02	5653	# 1	5.4	Found nothing went away with reading of 5.4 G. Phillips	No	No	tightened nipple	HP	HP	HP
1-3-02	5654	# 1	5.3	No. 14 upset G. Phillips	8.0	No		1-3-02	HP	HP
1-4-02	5655	# 1	8.5	Compressor shed Sanitary valve see CH	1.0					

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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:
12-20-01 1720	5507 Ch	#7 #5	6.3	Change oil and CN	0.5		Change oil and CN	12-20-01	CH	
12-20-01 1810	5508 Ch	#1 #5	7.3	Leaking spot. 8. 7.3	7.5	YES DEAN with white	REPLACED LEAKING IN 12	12/21/01	MAN	F.P.
12-21-01 0540	5509 CN	GC5 2	7.3	MOORE STATION LEAK UNLOADING 3 calls NO CONTACT						
12-21-01 0640	5510 BM	5 112,13	10.0 5.3 7.3	E. side S.M.N stations	0.5		They did not pull compressors down CN	12-21-01	CN	CN
12-21-01 0640	5511 BM	5 8	10.0	Lo Mol dump pump	0	—	Had cleaned dump station cleaned after reading	—	—	CBS
12-21-01 0630	5512 Ch	#2 #9	5.8	Not Found Cleared next check	NA	NA	NA	NA	NA	NA

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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:
12-21-01 1430	5513 BM	5 3	7.7 —	ESide N. ST. 16 FF Spot 0.1 mil Change CH	0.6 —	—	Change 0.1 mil CN	12-21-01	—	CN
12-21-01 1650	5514 CH	#1 #3	5.5 —	North middle	— 10	10	TIGHTENED NIPPLE chi En			
12-21-01 2045	5515 BN	2045#5 5	5.6 —	Nothing Found			Cleared next reading Greg. Penhater			
12-21-01 2048	5516 KC	2048#5 7	— 10	Nothing Found m.H.	0	No	Cleared next reading Greg. Penhater			
12-21-01 2344	5517 BN	2048#1 4	5.5 5.5	North middle Tightened snappy JOC Corbell	10	NO				
12-22-01 0645	5518 CH	#1 #1, 4, 5	7.9/10/10							

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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:
12-18-01 0340	5501 CN	GC5 7	7.2	Nothing Found	0	No				
12-19-01 1218	5502 CN	GC#2 5	6.6 5.2	m. Hughes 300/400 dump Line Maint Replacing Leaking valve. T.H.	60	NO	Recoverd Line	12/19	David Plunkett	Tomm Misset
12-19-01 12:30	5503 KC	GC5 7		Nothing found Nest Reaching good	0	NO				
12-19-01 1810	5504 CN	GC5 7	10.0	East Dump Strainer. m. Hughes	30	NO	Tighten Nuts Reading cleared round	12-19	ASH	Jeff Sykes
12-20-01 0630	5505 CH	#1 #2	10							
12-20-01 0630	5506 BM	5 1	10	E. side S. stat.						

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DATE 1-7-02

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 5385M	Product																						542-5385
	Silo																					689	686
No. 5 5385M	Product																						644
	Silo																					692	
No. 6 5385M	Product																						
	Silo																						
No. 7 5385M	Product																						
	Silo																						
No. 8 5385M	Product																						
	Silo																						
No. 9 5385M	Product																						
	Silo																						
No. 10 5415	Product																						
	Silo																						
No. 11 5385	Product																						
	Silo																						
Down																							
Time																							
Description																							
Big	From																						
Pit	To																						
Little	From																						
Pit	To																						
282	From																						
Blower	To																						
281	From																						
Blower	To																						
	Prod																						

Vinyl Resin Flow Sheet

Shift BTime 0700Date 1-7-02

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

Dryer # 4	Silo:
Product: <u>5385</u>	<u>686</u>
Blend Tank: <u>502</u>	

648	Product:	<u>5385M</u>	Product:	649
Level:	Blend No.	<u>8106747</u>	Blend No.	Level:
%		<u>(0730) REG</u>		%

Dryer # 5	Silo:
Product: <u>5385M</u>	<u>692</u>
Blend Tank: <u>644</u>	

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

Dryer # 6	Silo:
Product:	<u>682</u>
Blend Tank:	<u>Down</u>

652	Product:	<u>5385M</u>	Product:	653
Level:	Blend No.	<u>8107046</u>	Blend No.	Level:
%		<u>(0930) REG</u>		%

Dryer # 7	Silo:
Product:	<u>683</u>
Blend Tank:	<u>Down</u>

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

Dryer # 8	Silo:
Product:	<u>683</u>
Blend Tank:	<u>Down</u>

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

502	Product:	<u>5385</u>
<u>8107141</u>	<u>REG</u>	
<u>8107243</u>		
<u>8107344</u>		
<u>8107442</u>		

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

407	Product:	<u>5385M</u>
<u>8105646</u>	%	

Dryer # 10	Silo:
Product: <u>5415</u>	<u>680</u>
Blend Tank: <u>747</u>	

Dryer # 11	Silo:
Product: <u>5385</u>	<u>677</u>
Blend Tank: <u>502</u>	<u>Down</u>

501	Product:	<u>5395</u>

747	Product:	<u>5415</u>
<u>1079130</u>	<u>REG</u>	
<u>1079260</u>		
<u>1079350</u>		
<u>1079440</u>		

Product Transferring:		
From:	To:	
<u>281</u>	<u>492</u>	<u>5415 (ON)</u>
<u>282</u>	<u>491</u>	<u>5395</u>
<u>575</u>	<u>691</u>	<u>5385M (OFF)</u>

Vinyl Sample Results

Date 1-7-02

Product	Blend #	PARTICLE SIZE										Past	Bulk Density	Fluff	Flow	"L" Color	"B" Color	FTIR	PVA	RVCM	Reactor	Run Time
		Micron	40	60	80	100	120	140	200	Pan	140	HP										
5385	8105142	→ 200	0.0	16.0	48.7	19.5	15	3.6	2.4	0.6	3.0		561	590	6.4	97.67	2.20	317	151	1404	742	431
5385	8105245																		0	0	745	—
5385	8105345																		245	1807	745	446
5385M	8105447	→ 199	0	15.9	47.6	18.7	9.5	3.9	3.2	1.1	4.4								112/100	1802	747	404
5385	8105543																		152	1406	743	438
5385M	8105646																		128/	1803	746	356
5385	8105744																		0	0	744	—
5385	8105841																		167	1403	741	434
5385	8105944																		154	1398	744	424
5385	8106042																		155	67	742	427
5385	8106145	→ 203	0.0	17.4	49.5	18.7	8.8	3.2	2.0	0.6	2.6		580	599	6.2	98.2	2.21	402	246	1807	745	456
5385	8106243																		150	1631	743	437
5385	8106341																		162	1886	741	—
5385	8106441																		—	—	741	—
5385	8106544	→ 195	0	15.5	45.3	18.3	10.1	4.9	4.6	1.3	5.9		593	599	8.6	98.07	2.39	504	151	1403	744	446
5385	8106642																		152	1406	742	428
5385M	8106747																		113/100	1802	747	349
5385	8106845																		245	1817	745	431
WATER	8106941																		0	0	741	—
5385M	8107046																		177/99	1812	746	344
5385	8107141																		167	1353	741	427
5385	8107243																		155/1405	743	435	
5385	8107344																		154	1400	744	431

Vinyl Sample Results

Date 1-7-02

Product	Blend #	PARTICLE SIZE:											Bulk Density	Flow	"L" Color	"B" Color	FTIR	PVA	RVCM	Reactor Run Time
		Micron																		
		40	60	80	100	120	140	200	Pan	140	HP	Past								
5415	1077930	164	0.0	3.7	34.5	26.3	18.9	8.2	5.3	1.3	6.5	4.1	485	30.2	98.1	198	59/29	1408	300	455
5415	1078040																67/13	902	400	457
5415	1078150																61/29	1410	500	502
5385	1078270	200	0.0	16.0	48.7	19.3	9.5	3.6	2.4	0.6	3.0	5.6	596	6.4	97.6	220	239	1610	700	335
5415	1078360	175	0.0	4.3	38.8	28.9	17.5	6.5	3.5	0.9	4.3	3.2	483	28.2	98.1	186	61/17	1409	600	508
5415	1078430																58/28	1409	380	502
5415	1078540																59/30	1221	400	505
5415	1078650																4/30	0	500	459
5385	1078770	195	0	15.5	45.3	18.3	10.1	4.9	4.6	1.3	5.9	5.93	599	8.6	98.07	239	242	2588	700	339
5415	1078860																58/30	1447	600	504
5415	1078950	175	0	4.7	39.3	27.5	16.6	6.7	4.2	1	5.2	4.2	501	13.4	98	170	59/30	849	500	504
5415	1079040																58/29	925	400	509
5415	1079130																58/29	1410	300	507

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 1-7-02

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 1079530	
400																								5415 1079440	
500																								5415 1079350	
600																								5415 1079260	
700																								5415 1079170	
Stripper																									
Strainer																									
Cleaning																									
lost 1:10 min rec. 700, rec. 500 Had to stop charging @ 0800, out of V.L.																									
lost 6 hrs 55 min charge 700 N.P.D. 502 full & trouble with #11 cyclone dryer																									
Hi-Mo Charges =	11										0										Total Charges = 11				
38																									

20-07-02

Form No. - Vinyl-011