

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:
1-4-02 2118	5655 BN	2C #1 3	10.1	North middle VCN unloading	10	NO	Tightened snappy JSC T. G. K. H. U.	1/4	TC	TC
1-4-02 22:08	5656 RC	2C #5 1	6.7	South VC unloading # 13 spot	10	NO	Replaced wiring on Liquid Line	1/4	TC	TC
1-4-01 0350	5657 BN	2C #2 5	6.3	Nothing found Robert Langford			Nothing found Robert Langford			

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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	0.0	NA	nothing found	CH	CH	CH
1-3-02	5651	# 1	5.9/5.8	CH	10.0					
1-3-02	5652	GC 5	5.4	Leak valve on compressor shed	No	No				
1-3-02	5653	GC 5	5.3	Found Nothing went away with reading of 5.4 G. Phillips	No	No				
1-3-02	5654	# 1	8.5	Compressor shed Leak valve see above	8.0	8.0	tightened nipple	1-3-02	FD	FD
1-3-02	5655	# 1	8.5	CH	1.0	1.0	Found Phillips			

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1-1-02	5543	GC 3	—	East Pump Strainer lid Not Sealing	30	No	Tighten lid stopper leak and readings	1-1-02	GA	GA
5-18	KC	3	98	C.P.						
1-1-02	5644	GC 5	10.0 5.3	# 14 SPOT	D	No	unhook R/C air line was not hooked up on liquid end DB	1-1-02	DB	DB
1-1-02	5645	GC 5	10.0 6.1	D. Barn	D	No	Nothing found PUT V.C. on vapor	1-1-02	DB	DB
1-2-02	5646	GC 5	—							
5-106	KC	8	10	C.P.						
1-2-02	5647	GC 5	10.0		D	No	Charged out o-ring DB	1-2-02	DB	DB
1-2-02	5648	GC 5	10.0 10.0	D. Barn						
5-0505	CN	1	—	D. Barn						

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12-20-01	5507	#1	6.3	Change oil tank	0.5		Change oil tank	12-20-01	CN	
1720	Ch	#5		CN			CN			
12-20-01	5508	#1		Unloading		YES DEAN with WASTE	REPLACED LIQUID LINE	12/21/01	MAN	
1810	5508	#5	7.3	Spot 8. F.P.	7.5					F.P.
12-21-01	5509	GC5	7.3	middle station East unloading						
0540	CN	2		3 calls no contact						
12-21-01	5510	5	10.0 5.3	E. side S.M.N stations	0.5		They did not pull compressors down CN	12-21-01	CN	CN
0640	Bm	1,2,3	7.3							
12-21-01	5511	5	10.0	Lo Mol dump pump	0	—	Had cleaned dump strainer cleaned after 1 reading	—	—	CN
0640	Bm	8								
12-21-01	5512	#2	5.8	Not Found	NA	NA	NA	NA	NA	NA
0630	Ch	#9		Cleared next check						

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12-21-01 1430	5513 BM	5 3	7.7	ESide N. ST. 16 Spot O-rings (Change CH)	0.6		Change O-ring CH	12-21-01	-	CH
12-21-01 1650	5514 CH	#1 #3	5.5	WORTH NIPPLE	- 20		TIGHTENED NIPPLE ch. 20			
12-21-01 2045	5515 GN	2045 5	5.6	Nothing Found			Cleared next reading Greg Penhater			
12-21-01 2048	5516 RC	2045 7	10	Nothing Found m.H.	0	NO	Cleared next reading Greg Penhater			
12-21-01 2344	5517 GN	2045 4	5.5 5.5	WORTH middle Tightened sample 30C Garbell	10	NO				
12-22-01 0645	5518 CH	#1 #1, 4, 5	9.5/10/10							

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12-18-01 0340	5501 CN	GC5 7	7.2	Nothing Found	0	No				
12-19-01 1218	5502 BN	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	Tom Moffat
12-19-01 12:30	5503 KC	GC5 7		Nothing found next Reading good	0	NO				
12-19-01 1810	5504 CN	GC5 7	10.0	East Dump Strainer. m. Hughes	30	NO	Tighten Nuts Reading cleared next round	12-19	MSH	Jeff Sykes
12-20-01 0630	5505 Ch	#1 #2	10							
12-20-01 0630	5506 BM	5 1	10	Erside S. stat.						

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Catalyst Charge Sheet

<u>Old Module</u>									
Day Shift Operator: <u>Mark Bailey</u>						Date: <u>1-4-02</u>			
Night shift Operator: <u>Robert 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									
<u>New Module</u>									
Day Shift Operator: <u>E. Carter</u>									
Night shift Operator: <u>Hoop</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:									

DATE 1-4-02

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. 4683	Product																		164			Not	
5385m	Silo				184												682	682				682	
No. 5686	Product				545																		
5385	Silo				142	281																	
No. 668	Product				545																		
5385	Silo				142	281																	
No. 7689	Product																						
5385m	Silo																						
No. 8683	Product																						
5385m	Silo				184												682						
No. 9687	Product																						
5385	Silo																						
No. 1085	Product																						
5385	Silo				167				676											679			
No. 1185	Product																						
5385	Silo																						
#11 Induced Draft Motor Bearing																							
Down Time	#10-Low 747 Level																						

Description																							
Big Pit	From																						
	To																						
Little Pit	From																						
	To																						
282 Blower	From																						
	To																						
281 Blower	From																						
	To																						

Vinyl Resin Flow Sheet

Shift BTime 0700Date 01-05-02

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

Dryer # 4	Silo:
Product: <u>5385M</u>	<u>682</u>
Blend Tank: <u>407</u>	

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

Dryer # 5	Silo:
Product: <u>5415</u>	<u>281</u>
Blend Tank: <u>747</u>	

650	Product:	<u>5385M</u>	Product:	651
Level:	Blend No.	<u>EXP. 8097247</u>	Blend No.	Level:
%		<u>(READY) REG</u>		%

Dryer # 6	Silo:
Product: <u>5415</u>	<u>281</u>
Blend Tank: <u>747</u>	

652	Product:	<u>5385</u>	Product:	653
Level:	Blend No.		Blend No.	Level:
%				%

Dryer # 7	Silo:
Product: <u>5385M</u>	<u>689</u>
Blend Tank: <u>407</u>	

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

Dryer # 8	Silo:
Product: <u>5385M</u>	<u>682</u>
Blend Tank: <u>407</u>	

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

502	Product:	<u>5385</u>
<u>1074570</u>	<u>REG</u>	
<u>8098142</u>		
<u>8098344</u>		
<u>8098441</u>		
<u>8098645</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>8098246</u>	<u>REG</u>	
<u>8098747</u>		

Dryer # 10	Silo:
Product: <u>5415</u>	<u>688</u>
Blend Tank: <u>747</u>	

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

501	Product:	<u>5395</u>

747	Product:	<u>5415</u>
<u>1074650</u>	<u>REG</u>	
<u>1074760</u>		
<u>1074830</u>		

Product Transferring:		
From:	To:	
<u>281</u>	<u>493</u>	<u>5415</u>
<u>282</u>	<u>491</u>	<u>5395</u>

1-4-02

Vinyl Sample Results

[illegible]

Date 1-4-02

Vinyl Sample Results

Product	Blend #	PARTICLE SIZE:										Papi 140	HP	Bulk Density	Flux	Flow	"L"		"B" Color	FTIR	PVA	RVCM	Reaction Time
		Micron	40	60	80	100	120	140	200	Pan													
5385	1072970																			242	1610	700	341
5415	1073140	→ 148	0	1.2	34.3	29.6	20.1	8.6	5.2	1.1	6.3	31	496		7.1	98.4	1.73	198	6/33	1407	400	515	
5415	1073250																		6/32	1409	500	507	
5415	1073320																		6/34	1411	300	510	
5415	1073460	→ 168	0	3.2	33.8	29.1	19.7	8.3	4.8	1.2	6	51	493		9.5	98.39	1.71	219	6/31	1408	600	511	
5415	1073540																		6/33	1409	400	508	
5415	1073650																		6/31	1412	500	505	
5415	1073730																		6/34	1409	300	486	
5415	1073860																		6/31	1411	600	502	
5415	1073940	→ 166	0	2.8	31.9	29.1	20.6	9	5.4	1.3	6.7	31	515		7.5	98.2	1.58	-6	6/32	1409	400	506	
5415	1074050																		6/31	1410	500	507	
5385	1074170	→ 201	0	15.3	50.8	18.9	8.9	3.3	2.2	0.5	2.8		576	6.06	6.8	98.27	1.93	446	236	1608	700	338	
5415	1074260																		6/34	1408	600	502	
5415	1074330	→ 161	0	1.9	28.9	29	22.2	10	6.5	1.5	2.9	31	505		8.4	97.98	1.61	54	6/31	1409	300	508	
5415	1074440																		6/34	1408	400	507	

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 1-4-02

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																									
742																									
743																									
744																									
745																									
746																									
747																									
Hi-Mol Stripper																									
Lo-Mol Stripper																									
Strainer Cleaning																									
745 35 MIN. DUMPING 742 AND 747 747 60 MIN. MAINT. CLEANING BUSS NOZZEL 744 3 HRS. 40 MIN. MAINT. SLOPER TEMP CTRL REPLACE 741 4 HRS. MAINT. AND CHARGING OTHER REACTORS																									
Hi-Mo Charges = 9												Lo-Mo Charges = 4												Total Charges = 29	

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 1-4-02

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																								
400																								
500																								
600																								
700																								

Stripper
Strainer
Cleaning

7000 Last 9:15 #11 Dryer Down
300 Last 3:00 Replace Safety Disc & P.C.

Lost 45 min. rec. 700, rec. 400
Lost 1 hr. 10 min. rec. 500, rec. 700
Lost 55 min. rec. 700, rec. 400

Hi-Mo Charges =	Lo-Mo Charges =	Total Charges =
16	0	16