

Dow Plaquemine Vinyls			Total HCl	Total Cl2	M26	AdjustedM26	Bag Concentration		Sample	Nitrogen	Total Bag	Dilution Factor	Actual Concentration	
Sample Location	Run Number	Time	(mg)	(mg)	Meter Vol. (dsl)	Meter Vol. (dsl)	HCl (PPMV)	Cl2 (PPMV)	Volume (dsl)	Fill (dsl)	Volume (dsl)		HCl (PPMV)	Cl2 (PPMV)
Wet Vent	C3-R1	1500-1715	1.020	0.704	6	6.0009	115.10	39.72	1	0	1	1	115.10	39.72
Dry Vent	C3-R1	1613-1715	7048	15.8	6	10.7849	442544.73	496.04	1	0	1	1	442544.73	496.04
Wet Vent	C3-R2	0930-1130	0.994	1.05	10.14	10.1410	66.38	35.06	1	0	1	1	66.38	35.06
Dry Vent	C3-R2	0940-1140	253	2.34	6	6.1724	27757.18	128.36	15	25	40	2.666667	74019.14	342.30
Wet Vent	C3-R3	1530-1746	4.86	0.895	10.4	10.4036	316.34	29.13	1	0	1	1	316.34	29.13
Dry Vent	C3-R3	1600-1745	1194	3.9	6	6.8110	118713.04	193.88	17	25	42	2.470588	293291.05	478.99
Wet Vent	C4-R1	0950-1200	2.28	0.84	10.75	10.7518	143.60	26.45	1	0	1	1	143.60	26.45
Wet Vent	C4-R2	1300-1450	1.39	0.739	14.07	14.0712	66.89	17.78	1	0	1	1	66.89	17.78
Wet Vent	C4-R3	1606-1815	0.903	0.507	11.93	11.9308	51.25	14.39	1	0	1	1	51.25	14.39

DO A 051037
CONFIDENTIAL

SIGNATURE _____ DATE _____ CHECKED _____ DATE _____
PROJECT Dow Play vrm JOB NO. _____
SUBJECT ⊗ Vinyls Vents M26g Chlorides SHEET _____ OF _____ SHEETS

	Cl ⁻ (mg/l)	Sample Wt. (g)	mg Cl ⁻
DW-VP-DRY-31-Cl24	183	84.2 + 2	15.8
-32-Cl26	47.1	47.7 + 2	2.34
-33-Cl28	69.3	54.3 + 2	3.90
-WET-31-Cl30	9.11	75.3 + 3	0.709
-32-Cl32	11.4	89.7 + 3	1.05
-33-Cl34	11.4	75.5 + 3	0.895
-41-Cl2-WET	10.1	81.2 + 2	0.840
-42-Cl2-WET	8.45	85.5 + 2	0.739
-43-Cl2-WET	5.00	99.3 + 2	0.507
DW-VP-DRY-31-HCL23	83700	82.2 + 2	7098
-32-HCL25	5140	47.2 + 2	253
-33-HCL27	25200	45.4 + 2	1194
-WET-31-HCL29	15.8	61.3 + 3	1.02
-32-HCL-31	13.4	71.2 + 3	0.994
-33-HCL-33	71.0	63.5 + 5	4.86
-41-HCL-WET	28.2	78.8 + 2	2.28
-42-HCL-WET	16.6	81.8 + 2	1.39
-43-HCL-WET	9.89	89.8 + 2	0.903

DO A 051038
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VOST FIELD DATA SHEET

PLANT Dow Plaquemine
 DATE 9-16-97
 SAMPLING LOCATION Vinyl II Dry Vent
 RUN NO. 2 L3 TEST NO. _____
 OPERATOR 3A6
 AMBIENT TEMPERATURE _____
 BAROMETRIC PRESSURE _____
 BLANK TUBE NUMBERS T: _____ T/C: _____

ASSUMED MOISTURE % _____
 METER BOX NO. A147 719
 METER FACTOR _____
 PROBE HEATER SETTING _____
 COMMENTS 25 L 112 Initial Fill

Test Number	Leak Check ("Hg)		Tube No. (Lab)	Sampling (min)	Clock Time	Gas Meter Reading	Meter Pressure	Slack Temp	DGM Temp	Probe Temp	1st Condensor Outlet Temp	2nd Condensor Outlet Temp	Pump Vacuum Temp
	Pre	Post											
		Run 2	T	0	0940	0.000	0.8		86				
				20	1000	2.980	0.8		91				
			T/C	40	1020	6.000	0.8		96				
				60	1040	9.000	0.8		100				
				80	1100	11.350	0.8		103				
			T	100	1120	13.300	0.8		107				
				120-STOP	1140	15.000							
			T/C										
		Run 3		0	1600	0.000	0.8		103				
				20	1620	3.050	0.8		106				
			T	40	1640	6.100	0.8		109				
				60	1700	9.200	0.8		109				
			T/C	80	1720	12.000	0.8		109				
				105-STOP	1745	17.000							
			T	0									
			T/C										

DO A 051039
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Plant Name Dow Plaquemine Page 1 of

Sampling Location 500 Vapors II West Vent Train M26

Date 9/16/97 Run No. 2 Cond. No. 3

Time Start Time Finish Test Duration min.

Duct Dimensions X Diameter ft Initial Leak Rate @ "Hg

PTCF DGMCF NOZZLE DIA. inches Final Leak Rate @ "Hg

Bar Press 29.9 "Hg 31.1

Static Press "H2O Operator Run Time 0930-1130 Kf =

[illegible]

CONSOLE # _____
 FILTER # _____
 AMBIENT TEMP. _____
 PROBE LENGTH _____
 1. MATERIAL _____

Velocity _____
 % Moisture _____
 Flowrate (DSCFM) _____
 Isokinetic (%) _____

REMARKS

DO A 051040
CONFIDENTIAL

1126

Plant	Don Chemicals
Date	9-16-97
Sampling Location	Vinyls II Dry Vent
Run Number	2 Risk
Operator	RWW
Ambient Temperature	70
Barometric Pressure	29.97
Blank Tube Numbers; T:	T/C:

Assumed Moisture, %	
Sample Box Number	
Meter Box Number	SR-710S
Meter Factor	1.008
Probe Heater Setting	
Other Data/Notes	Sampling Time 0940-1140

[illegible]

DO A 051041
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M26

Assumed Moisture, %	
Sample Box Number	
Meter Box Number	SR-7103
Meter Factor	1.008
Probe Heater Setting	
Other Data/Notes	Sampling Time - 1600-1745

Test Section (#)	Leak Check (inHg)		Tube No. (Lab)	Sampling (min)	Clock Time (24 Hr)	Gas Meter Reading (l)	Meter Pressure (in H ₂ O)	Stack Temp (°F)	DGM Temp (°F)	Probe Temp (°F)	1st Cond Outlet Temp (°F)	2nd Cond Outlet Temp (°F)	Pump Vacuum (inHg)
	Pre	Post											
1	0 @ 5"		T	8.7	2115	3472.900	1.1	N/A	72	N/A	N/A	N/A	2.0
		0 @ 5"	T/C			6.0							
			T	0									
			T/C										
			T	0									
			T/C										
			T	0									
			T/C										

DO A 051042
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SOURCE SAMPLING FIELD DATA SHEET

Plant Name Dow Plaquemine Train 1126 Run 1530-1746 Page of

Sampling Location Vinyls II Wet Vent Run No. 3 Cond. No. 3

Date 9/16/97 Time Start Time Finish Test Duration min.

Duct Dimensions X Diameter ft Initial Leak Rate @ "Hg

PTCF DGMCF NOZZLE DIA. inches Final Leak Rate @ "Hg

Bar Press 29.94 "Hg

Static Press "H2O Operator JRG/avs KF =

[illegible]

CONSOLE # _____
 FILTER # _____
 AMBIENT TEMP. _____
 PROBE LENGTH _____
 LINER MATERIAL _____

Velocity _____
 % Moisture _____
 Flowrate (DSCFM) _____
 Isokinetic (%) _____

REMARKS

DO A 051043
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SOURCE SAMPLING FIELD DATA SHEET

 Plant Name Dow Chemicals

 Page 1 of 1

 Sampling Location Vinyls II West Vent

 Train 1126

 Run No. 1,2,3

 Cond. No. 4

 Date 9/24/92 Time Start _____

Time Finish _____

Test Duration _____ min.

Duct Dimensions _____ X _____

Diameter _____ ft

Initial Leak Rate _____ @ _____ "Hg

PTCF _____ DGMCF _____

NOZZLE DIA. _____ inches

Final Leak Rate _____ @ _____ "Hg

Bar Press _____ "Hg

Static Press _____ "H2O

Operator _____

KF# _____

Point	Clock Time	Dry gas meter reading ft3	ΔP in H2O	ΔH in H2O	Stack Temp. F	Probe Temp. F	Hot box Temp. F	Impinger Exit Temp. F	Dry gas meter temp.		Vacuum in. Hg	
									Inlet F	Outlet F		
Run 1	Start	1530	3502.10	1.0					77		1	
		1535	3505.02	1.1					78		1	
		1545	3509.10	—					80		1	
	Stop	1550	3512.45	—					80		—	
			10.75									
Run 2	Start	1645	3513.00	1.2					77			
		1650	3516.5	1.2					77			
		1700	3523.7	1.2					82			
	Stop	1705	3527.07	—					81			
			14.07									
Run 3	Start	1903	3527.15	1.2					72			
		1908	3530.4	1.2					75			
		1913	3533.4	1.2					76			
		1918	3536.2	1.2					77			
Stop		1923	3539.08	—					77			
			11.93									
Avg	—											
Check'd												

CONSOLE # _____

FILTER # _____

AMBIENT TEMP. _____

PROBE LENGTH _____

LINER MATERIAL _____

Velocity _____

% Moisture _____

Flowrate (DSCFM) _____

Isokinetic (%) _____

REMARKS _____

DO A 051044
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M26
Vest Field Data Sheet

Plant Davis
 Sampling Location VINAK II DRY VENT
 Ambient Temp. _____ (F) Barometric Press. _____ ("Hg)
 Assumed Moisture % _____ Probe Heater Setting _____
 Meter Box No. SR-7123 Meter Factor 1.005

Date 07-15-97 Test # 1 Run # 1
 Operator RLW
 Blank Tube Nos. Tenax: _____ T/C: _____
 Comments Sample Time 1613-1715

Test Number	Leak Check ("Hg)		Tube No. (Lab)	Sampling (min)	Clock Time (24 hr)	Gas Meter Reading (L)	Meter Pressure ("H ₂ O)	Slack Temp (F)	DGM Temp (F)	Probe Temp (F)	1st Condensor Outlet Temp (F)	2nd Condensor Outlet Temp (F)	Pump Vacuum ("Hg)
	Pre	Post											
1	065"		T	Start	2114	3457.75	1.1	N/A	74	N/A	N/A	N/A	2.0
		065"		Stop	2126	3465.75	1.1		77				2.0
			T/C										
						6.0							
			T										
			T/C										
			T										
			T/C										
			T										
			T/C										

DO A 051045
CONFIDENTIAL

U26a

-Vost Fleru Data Sheet

Plant Don Plaquemine
 Sampling Location Vinyls II Wet Vent
 Ambient Temp. _____ (F) Barometric Press. _____ ("Hg)
 Assumed Moisture % _____ Probe Heater Setting _____
 Meter Box No. 52-7103 Meter Factor 1.008

Date 9-15-77 Test # 1 Run # 1
 Operator RVW
 Blank Tube Nos. Tenax: _____ T/C: _____
 Comments Sample Time 1500-1715

Test Number	Leak Check ("Hg)		Tube No. (Lab)	Sampling (min)	Clock Time (24 hr)	Gas Meter Reading (L)	Meter Pressure ("H ₂ O)	Stack Temp (F)	DGM Temp (F)	Probe Temp (F)	1st Condensor Outlet Temp (F)	2nd Condensor Outlet Temp (F)	Pump Vacuum ("Hg)
	Pre	Post											
1	0.25"		T	Start	203E	34535	1.1	N/A	73	N/A	N/A	N/A	2.0
		0.25"		Stop	204E	34595	1.1		75				2.0
			T/C			6.0							
			T										
			T/C										
			T										
			T/C										
			T										
			T/C										
			T										
			T/C										

DO A 051046
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