

DOW CHEMICAL U S A
LOUISIANA DIVISION

REFERENCE NO 813, 818 + 821

DATE THIS REPORT 6-3-88

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DEPT END OPER

ENVIRONMENTAL CONTROL

REPORT OF ANALYSIS

DATE SAMPLES COLLECTED: _____

SAMPLES For Pyridines - (Concentration in μg)

[illegible]

METHOD GC/MS - Full Scan

ML SOLVENT 10
LIMIT OF DETERMINATION 0.5 mg (100%)
WEIGHT/VOLUME 5.0 mg/10 ml

*BLE BELOW LIMIT OF DETERMINATION

VALUES REPORTED HAVE BEEN CORRECTED FOR INTERFERENCES

13. - Trichlorobenzene used as standard for Pyridine.
Chlorinated Benzenes have a similar response to Halogenated Pyridines

Billy Thomas

SIGNED Terry Wilke

DO A 110912
CONFIDENTIAL

TRAILER

Block ENVIRONMENTAL OPERATIONS Person or Area Monitored MTLK # 8407 Sample No 08270

Monitoring for PYRIDINE Employee ID # N/A Job Classification N/A

Type Sample: ☐ Personnel ☒ Area ☐ Excursion ☐ Other _____ Date 5/17/88

Other Chemicals Present: _____ Description of task performed during monitoring period including any unusual activities AREA

SAMPLE NEAR DOME OF TRAILER (DOWNWIND)

Time Started 10:45

Time Stopped 17:30

Beginning Flow Rate 100 ccf/min Respirator used ☐ Yes ☒ No Type? _____

Ending Flow Rate 100 ccf/min

Wind, Temp. and Humidity 81°, 51% Humidity, wind NW @ 12 mph

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☐ Bubblemeter ☒ Rotometer

☐ Other _____

N TE: Job description must be concise and complete.

Form filled in by Hugh Cochran



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO A 110913
CONFIDENTIAL

Block ENVIRONMENTAL OPERATIONS Person or Area Monitored LUCY MACK Sample No 08269

Monitoring for CHLORINATED Employee ID # 433 537 Job Classification 50T
PYRIDINE Type Sample: ☒ Personnel ☐ Area ☐ Excursion ☐ Other _____ Date 5/12/88

Other Chemicals Present: Description of task performed during monitoring period including any unusual activities HOOKING
PERCHLOROETHYLENE UP PYRIDINE TAR TRAILER TO UNLOAD
FERRIC CHLORIDE

Time Started 10:20

Time Stopped 10:49

Beginning Flow Rate 1000cc/min Respirator used ☒ Yes ☐ No Type? COMFO II

Ending Flow Rate 1000cc/min

Calibration Check Prior to Monitoring? ☒ Yes ☐ No

Calibration: ☐ Bubblemeter ☒ Rotometer
☐ Other _____

NOTE: Job description must be concise and complete.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

Wind, Temp. and Humidity
70°, 53% humidity, WIND FROM THE
NORTH AT 5MPH. LIGHT RAIN.

Form filled in by Hugh Corbin

DO A 110914
CONFIDENTIAL

Block ENVIRON. OPERATIONS

Person or Area Monitored American Env. #4003

Sample **Nº** 08267

Monitoring for DCTPF-(DICHLORO-

Employee ID # N/A

Job Classification N/A

TRIFLUORO PYRIDINE)

Type Sample: ☐ Personnel ☒ Area ☐ Excursion ☐ Other

Date 5/2/88

Other Chemicals Present:

METHYL PYRROLIDONE

Description of task performed during monitoring period including any unusual activities

SAMPLE FROM BACK OF TRAILER NEAR UNLOD HOSE.

Time Started 12:45

Time Stopped 16:50

Beginning Flow Rate 10000/min

Respirator used ☐ Yes ☒ No

Type? N/A

Ending Flow Rate 10000/min

Wind, Temp. and Humidity

77°, 12 mph From Southeast

Calibration Check Prior to Monitoring? ☐ Yes ☐ No

Calibration: ☒ Bubblemeter ☒ Rotometer

36% Humidity

☐ Other

NOTE: Job description must be concise and complete.

Form filled in by Lugh Corbin



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO A 110915
CONFIDENTIAL

Block ENVIRONMENTAL OPERATIONS Person or Area Monitored MTLK #2538 Sample Nº 08266
Monitoring for PHLORINATED Employee ID # N/A Job Classification N/A
PYRIDINES Type Sample: ☐ Personnel ☒ Area ☐ Excursion ☐ Other _____ Date 4/26/88
Other Chemicals Present: _____ Description of task performed during monitoring period including any unusual activities _____
_____ AREA SAMPLE AT REAR OF TAR TRAILER NEAR
_____ UNLOAD HOSE
Time Started 11:00 _____
Time Stopped 14:15 _____
Beginning Flow Rate 100 cc/min. Respirator used ☐ Yes ☒ No Type? N/A
Ending Flow Rate 100 cc/min. Wind, Temp. and Humidity
Calibration Check Prior to Monitoring? ☒ Yes ☐ No EAST/NE @ 4 MPH, 76°
Calibration: ☒ Bubblemeter ☐ Rotometer Humidity - 60%
☐ Other _____ Form filled in by Lugh Corban
NOTE: Job description must be concise and complete.



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO A 110916
CONFIDENTIAL

Block 80 Env. Opn.

Person or Area Monitored TEL. MTLK # 2538

Sample No 08783

Monitoring for Chlorinated

Employee ID # _____ Job Classification N/A

pyridines

Type Sample: ☐ Personnel ☐ Area ☐ Excursion ☐ Other _____ Date 4-26-88

Other Chemicals Present:

Description of task performed during monitoring period including any unusual activities _____

Time Started _____

Time Stopped _____

Beginning Flow Rate _____

Respirator used ☐ Yes ☐ No

Type? _____

Ending Flow Rate _____

Wind, Temp. and Humidity _____

Calibration Check Prior to Monitoring? ☐ Yes ☐ No

Calibration: ☐ Bubblemeter ☐ Rotometer

☐ Other _____

NOTE: Job description must be concise and complete.

Form filled in by _____



LOUISIANA DIVISION INDUSTRIAL HYGIENE

DO A 110917
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