

Interoffice Communication

To: Benny Bourgeois, SS# 439-08-8665
From: John LeMaire
Date: December 2, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/27/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/27/82

Job Classification: Trap Operator

Work Performed: Routine work

Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect:

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 4.74 mg/m³/ppm - Total Alkanes, 0.043 ppm Benzene, 0.13 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:

MCD 000023625



Interoffice Communication

To: Jim Thorn, SS# 400-02-4139
From: John LeMaire
Date: December 2, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 10/5/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 10/5/82
Job Classification: Trap Operator
Work Performed: Routine work
Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

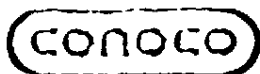
The results of the analysis of your sample was 14.46 mg/m³/ppm - Total Alkanes, 0.14 ppm Benzene, 0.13 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:

MCD 000023626



Interoffice Communication

To: Dennis Powers, SS# 470-42-1996
From: John LeMaire
Date: December 2, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/27/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/27/82

Job Classification: Prod. Fract. Controlman

Work Performed: Routine work

Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect:

NIOSH TLV 350 ~~mg/m³~~ ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

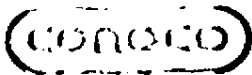
The results of the analysis of your sample was 41.2 mg/m³/ppm - Total Alkanes, 0.01 ppm Benzene, 0.029 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:

MCD 000023627



Interoffice Communication

To: Jim Thorn, SS# 400-02-4139
From: John LeMaire
Date: November 4, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/14/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/14/82
Job Classification: No. 2 Reformer Outside Operator
Work Performed: Routine
Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 7.22 mg/m³/ppm - Total Alkanes, 0.37 ppm Benzene, 0.22 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: GW

MCD 000023628

Interoffice Communication

To: Frances Harless, SS# 436-64-9013
From: John LeMaire
Date: November 4, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/14/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/14/82

Job Classification: No. 2 Reformer

Work Performed: Routine

Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

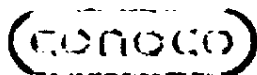
The results of the analysis of your sample was 3.07 mg/m³/ppm - Total Alkanes, 0.12 ppm Benzene, 0.072 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

an
cc: GW

MCD 000023629



Interoffice Communication

To: Tony Harmon, SS# 433-96-1804
From: John LeMaire
Date: November 4, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/14/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/14/82
Job Classification: Prod. Fract. Operator
Work Performed: Routine
Suspected Hazard(s): Total Alkanes, Benzene, Toluene

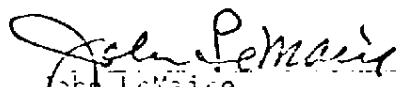
Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

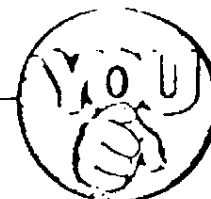
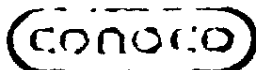
The results of the analysis of your sample was 350 mg/m³/ppm - Total Alkanes, 0.03 ppm Benzene, 0.16 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: WML

MCD 000023630



Interoffice Communication

To: Janey Hollis, SS# 434-62-7755
From: John LeMaire
Date: October 29, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 8/30/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 8/30/82
Job Classification: Outside Operator Thermal Unit
Work Performed: Routine
Suspected Hazard(s): Total alkanes, benzene, toluene

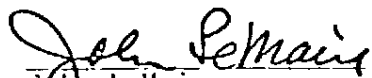
Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

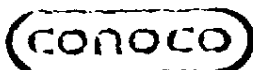
The results of the analysis of your sample was 26.25 mg/m³/ppm - Total Alkanes, 0.021 ppm Benzene, 0.19 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: WJD

MCD 000023631



Interoffice Communication

To: Kelly Ledet, SSE 436-90-8761
From: John LeMaire
Date: October 29, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 8/30/83, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 8/30/83

Job Classification: Lab Distillation Tester

Work Performed: Sample Tester

Suspected Hazard(s): Total alkanes, benzene, toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

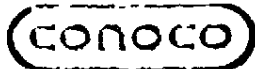
The results of the analysis of your sample was 268.54 mg/m³/ppm - Total Alkanes, 4.49 ppm Benzene, 18.09 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: JJM

MCD 000023632



Interoffice Communication

To: Harry Jouett, SS# 437-24-6914
From: John LeMaire
Date: October 29, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 8/30/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 8/30/83

Job Classification: Lab octane tester

Work Performed: testing leaded gasoline samples

Suspected Hazard(s): total alkanes, benzene, toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

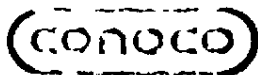
The results of the analysis of your sample was 65.31 mg/m³/ppm - Total Alkanes, 0.022 ppm Benzene, 10.49 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: JJM

MCD 000023633



Interoffice Communication

To: Edna Baldwin, SS# 262-94-4968
From: John LeMaire
Date: October 28, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 8/30/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 8/30/82

Job Classification: Lab 2nd Tester

Work Performed: Sample tester

Suspected Hazard(s): Total alkanes, benzene, toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

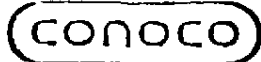
The results of the analysis of your sample was 86.03 mg/m³/ppm - Total Alkanes, 0.022 ppm Benzene, 15.69 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: JJM

MCD 000023634



Interoffice Communication

To: Russell L. Caulfield, SS# 439-62-6903
From: John LeMaire
Date: September 8, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 7/29/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 7/29/82

Job Classification: Operator FCC

Work Performed: Routine

Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

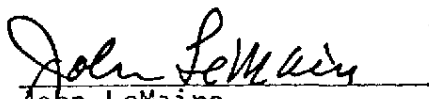
The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,

ACGIH Toluene 100 ppm.

The results of the analysis of your sample was <0.0082 mg/m³/ppm - Total Alkanes, 0.018 ppm Benzene, 0.0326 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: WML

MCD 000023635

Interoffice Communication

To Huey Roberson, SS# 437-76-5410
From John LeMaire
Date September 8, 1982
Subject RESULTS OF PERSONAL MONITORING

On 7/29/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 7/29/82

Job Classification: Operator #2 Reformer

Work Performed: Routine

Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/~~ppm~~ - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 0.0082 mg/m³/~~ppm~~ - Total Alkanes, 1.07 ppm Benzene, 0.169 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: GW

MCD 000023636

Interoffice Communication

To : Michael Foreman, SS# 433-78-3169
From : John LeMaire
Date : September 8, 1982
Subject : RESULTS OF PERSONAL MONITORING

On 7/29/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 7/29/82

Job Classification: Operator #3 Crude

Work Performed: Routine

Suspected Hazard(s): Total Alkanes, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

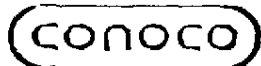
The results of the analysis of your sample was <0.0082 mg/m³/ppm - Total Alkanes, 0.430 ppm Benzene, 0.013 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: KDC

MCD 000023637



Interoffice Communication

To -- Gilbert L. Royer, SS# 433-19-8142
From John LeMaire
Date September 8, 1982
Subject RESULTS OF PERSONAL MONITORING

On 7/29/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 7/29/82

Job Classification: Operator #2 Crude

Work Performed: Routine work

Suspected Hazard(s): Total Alkanes, Benzene, Toluene

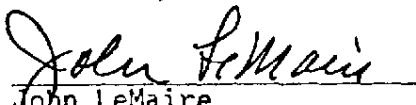
Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was <0.0082 mg/m³/ppm - Total Alkanes, 1.23 ppm Benzene, 0.027 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: WML

MCD 000023638

Interoffice Communication

To Richard Cossey SS# 439-84-5356

From John LeMAIRE

Date 8-9-82

Subject RESULTS OF PERSONAL MONITORING

On 6-25-82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 6-25-82Job Classification: Outside Operator Thermal UnitWork Performed: Routine workSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 16.6 mg/m³/ppm - Total Alkanes, 0.0084 ppm Benzene, 0.0448 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: WJD

MCD 000023639

Interoffice Communication

To: RAY HAMMOND SS# 437-70-2495

From: John LeMAIRE

Date: 8-9-82

Subject: RESULTS OF PERSONAL MONITORING

On 6-25-82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below:

Monitoring DataDate: 6-25-82Job Classification: Operator #2 RefineryWork Performed: Routine workSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/~~ppm~~ - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 3.23 mg/m³/~~ppm~~ - Total Alkanes, 0.0084 ppm Benzene, 0.0080 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: GW

MCD 000023640

Interoffice Communication

To Willie Johnson SS# 438-74-0953

From John LeMAIRE

Date 8-9-82

Subject RESULTS OF PERSONAL MONITORING

On 6-25-82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 6-25-82Job Classification: Operator #1 RefineryWork Performed: Routine workSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/~~ppm~~ - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 3.58 mg/m³/~~ppm~~ - Total Alkanes, 0.156 ppm Benzene, 0.154 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: GW

MCD 000023841

Interoffice Communication

To Bill Shaw (SS# 465-76-7412)From John LeMAIREDate June 9, 1972Subject RESULTS OF PERSONAL MONITORING

On 4/23/72, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/23/72Job Classification: #2 Crude Outside OperatorWork Performed: RoutineSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg/m³~~/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 1.04 ~~mg/m³~~/ppm - Total Alkanes, 0.07 ppm Benzene, 0.02 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
KDC

MCD 000023642



Interoffice Communication

To: John Hobaugh, SS# 82-8038
From: John LeMaire
Date: December 2, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/28/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/28/82

Job Classification: Sluicer II

Work Performed: Routine work - did not unhead drum or drill coker

Suspected Hazard: PA

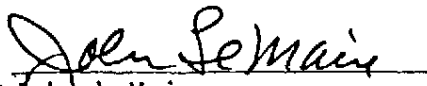
Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/ppm

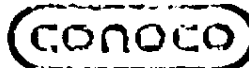
The results of the analysis of your sample was 0.011 mg/m³/ppm which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor

ar
cc:

MCD 000023843



Interoffice Communication

To: John Delahoussaye, SS# 434-62-9924
From: John LeMaire
Date: November 4, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/21/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/21/82
Job Classification: Coker Equipment Operator
Work Performed: Routine
Suspected Hazard: Polynuclear Aromatics

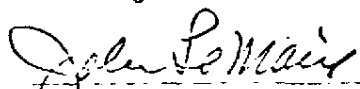
Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~ppm~~

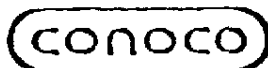
The results of the analysis of your sample was 0.02 mg/m³/ppm which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor

ar
cc: RML

MCD 000023644



Interoffice Communication

To - Shon Castillo, SS# 435-44-6438
From John LeMaire
Date September 8, 1982
Subject RESULTS OF PERSONAL MONITORING

On 7/30/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 7/30/82

Job Classification: Sluicer

Work Performed: Drilling Coke Drum

Suspected Hazard: PA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/ppm

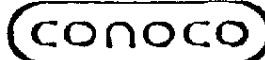
The results of the analysis of your sample was 0.07 mg/m³/ppm which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

Safety Supervisor

ar
cc: RML

MCD 000023645



Interoffice Communication

To Robert L. Broussard, SSE 43--54-8473
From John LeMaire
Date September 8, 1982
Subject RESULTS OF PERSONAL MONITORING

On 7/26/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 7/26/82

Job Classification: Sluicer

Work Performed: Unhead coke drum and drill coke

Suspected Hazard: PA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/ppm

The results of the analysis of your sample was 0.02 mg/m³/ppm which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

Safety Supervisor

ar
cc: RML

MCD 000023646



Interoffice Communication

To: Lawrence LeBlanc, SS# 439-56-9863
From: John LeMaire
Date: October 28, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 9/1/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 9/1/82

Job Classification: Sluicer I

Work Performed: Routine

Suspected Hazard: PA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/ppm

The results of the analysis of your sample was 0.011 mg/m³/ppm which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor

ar
cc: RML

MCD 000023647



Interoffice Communication

To: John Hobaugh, SSE 264-82-8038
From: John LeMaire
Date: October 29, 1982
Subject: RESULTS OF PERSONAL MONITORING

On 8/31/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 8/31/82

Job Classification: Sluicer II

Work Performed: Routine

Suspected Hazard: PA

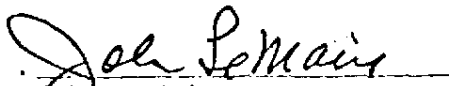
Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/ppm

The results of the analysis of your sample was 0.011 mg/m³/ppm which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.


John LeMaire
Safety Supervisor

ar
cc: RML

MCD 000023648

Interoffice Communication

To FRANK Russell SS# 439-84-6572
From John Lemaire
Date 6/29/82
Subject RESULTS OF PERSONAL MONITORING

On 6/1/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 6/1/82
Job Classification: Shutiner
Work Performed: unheated coke Drum + drilled coke
Suspected Hazard: PNA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~ppm~~

The results of the analysis of your sample was .05 mg/m³/~~ppm~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lemaire

Safety Supervisor

ar
cc: BL

MCD 000023649

Interoffice Communication

To Kirby Fitzgerald SS# 436-84-0787
From John L. main
Date 6/29/82
Subject RESULTS OF PERSONAL MONITORING

On 6/1/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 6/1/82
Job Classification: Shucier
Work Performed: Unheat coke Drum + drill coke
Suspected Hazard: PNA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³ ~~ppm~~

The results of the analysis of your sample was .05 mg/m³ ~~ppm~~ which is less than the TLV..

Thank you for your cooperation in this program to improve our employees' working conditions.

John L. main

Safety Supervisor

ar
cc: BL

MCD 000023650

Interoffice Communication

To Kirby COMEAUX (SS# 434-72-5555)
From JOHN LEMAIRE
Date June 9, 1972
Subject RESULTS OF PERSONAL MONITORING

On 4/30/72, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 4/30/72

Job Classification: Shutier

Work Performed: Routine

Suspected Hazard: PNA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~min~~

The results of the analysis of your sample was 0.08 mg/m³/~~min~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lemaire

Safety Supervisor

ar
cc:
RML

MCD 000023651



Interoffice Communication

To FRANK B. Russell (SS# 439-84-6572)

From John Lemaine

Date June 9, 1982

Subject RESULTS OF PERSONAL MONITORING

On 4/1/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 4/1/82

Job Classification: Shut-in

Work Performed: Routin

Suspected Hazard: PNA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~FE~~

The results of the analysis of your sample was 0.087 mg/m³/~~FE~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lemaine

Safety Supervisor

ar
cc:
RML

MCD 000023652

Interoffice Communication

To STEPHEN E. DEVER (SS# 438-FF-2304)

From JOHN LEMAIRE

Date June 6, 1982

Subject RESULTS OF PERSONAL MONITORING

On 3/26/82 you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 3/26/82Job Classification: EFS-CRUDE Unit operatorWork Performed: RawtineSuspected Hazard: PAThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~ppm~~

The results of the analysis of your sample was 0.01 mg/m³/~~ppm~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John L. Lemaire

Safety Supervisor

ar

cc:

KDC

MCD 000023653

Interoffice Communication

To Kirby COMEAU (SS# 434-72-5555)
From JOHN LEMHAIRE
Date June 9, 1974
Subject RESULTS OF PERSONAL MONITORING

On 4/30/74, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 4/30/74
Job Classification: Skuelier
Work Performed: Reactive
Suspected Hazard: PNA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~per~~

The results of the analysis of your sample was 0.08 mg/m³/~~per~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lemhaire

Safety Supervisor

ar
cc:

Interoffice Communication

To FRANK B. Russell (SS# 439-84-6572)

From John LEMINE

Date June 9, 1982

Subject RESULTS OF PERSONAL MONITORING

On 4/1/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/1/82Job Classification: SkinnerWork Performed: RoutineSuspected Hazard: PNAThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~PM~~

The results of the analysis of your sample was 0.087 mg/m³/~~PM~~ which is less than the TLV..

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lemine

Safety Supervisor

ar
cc:

MCD 000023655



Interoffice Communication

To STEPHEN E. DEVER (SS# 438-PF-2304)

From JOHN LEMAIRE

Date June 6, 1982

Subject RESULTS OF PERSONAL MONITORING

On 3/26/82 you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 3/26/82

Job Classification: EFS - CRUDE UNIT operator

Work Performed: Routine

Suspected Hazard: PA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~ppm~~

The results of the analysis of your sample was 0.01 mg/m³/~~ppm~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John L. Lemaire

Safety Supervisor

ar
cc:

MCD 000023656



Interoffice Communication

To STEPHEN E. DEVER (SS# 438-88-2304)

From JOHN LEMAIRE

Date June 6, 1982

Subject RESULTS OF PERSONAL MONITORING

On 3/26/82 you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 3/26/82

Job Classification: EFS - CRUDE Unit Operator

Work Performed: Routine

Suspected Hazard: PA

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~5~~

The results of the analysis of your sample was 0.01 mg/m³/~~5~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John L. Lemaire

Safety Supervisor

ar
cc:
KDC

MCD 000023657

Interoffice Communication

To Kirby COMEAU (SS# 434-92-5555)

From JOHN LEHAIRE

Date June 9, 1972

Subject RESULTS OF PERSONAL MONITORING

On 4/30/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/30/82Job Classification: ShucierWork Performed: RoutineSuspected Hazard: PNAThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~TLV~~

The results of the analysis of your sample was 0.08 mg/m³/~~TLV~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lehaire

Safety Supervisor

ar
cc:

Interoffice Communication

To FRANK B. Russell (SS# 439-84-6572)

From John LEMINE

Date June 9, 1962

Subject RESULTS OF PERSONAL MONITORING

On 4/1/62, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/1/62Job Classification: SkinnerWork Performed: RoutineSuspected Hazard: PNAThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~per~~

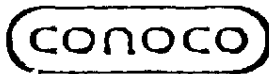
The results of the analysis of your sample was 0.087 mg/m³/~~per~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lemine

Safety Supervisor

ar
cc:



Interoffice Communication

To STEPHEN E. DEVER (SS# 438-PF-2304)

From JOHN LEMAIRE

Date June 6, 1982

Subject RESULTS OF PERSONAL MONITORING

On 3/26/82 you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 3/26/82

Job Classification: EFS - CRUDE Unit operator

Work Performed: Routine

Suspected Hazard: PA

Threshold Limit Value (TLV):

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

OSHA-NIOSH TLV 0.2 mg/m³/~~ppm~~

The results of the analysis of your sample was 0.01 mg/m³/~~ppm~~ which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John L. Lemaire

Safety Supervisor

ar
cc:

MCD 000023660

Interoffice Communication

To ELRAY Bushnell SS# 438-78-9996
From John LeMAIRE
Date 8-9-84
Subject RESULTS OF PERSONAL MONITORING

On 6-25-84, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 6-25-84

Job Classification: Tester Lab. Distillation

Work Performed: Routine work

Suspected Hazard(s): TOTAL ALKANES, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/~~ppm~~ - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 52.6 mg/m³/~~ppm~~ - Total Alkanes, 0.310 ppm Benzene, 0.0084 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: JJH

MCD 000023661

Interoffice Communication

To: Paul Leger SS# 436-84-5126

From John LeMAIRE

Date 8-9-82

Subject RESULTS OF PERSONAL MONITORING

On 7-2-82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 7-2-82Job Classification: Lab. 2nd TesterWork Performed: Routine WorkSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 139 mg/m³/ppm - Total Alkanes, 0.0082 ppm Benzene, 0.0082 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.



John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: JJM

MCD 000023662

Interoffice Communication

To: Russell Cook 55# 438.50-5598

From: John LeMAIRE

Date: 8-9-82

Subject: RESULTS OF PERSONAL MONITORING

On 7-2-82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 7-2-82Job Classification: Lab. Octane TesterWork Performed: Routine workSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/~~ppm~~ - Total Alkanes, OSHA Benzene 10 ppm, ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 29.7 mg/m³/~~ppm~~ - Total Alkanes, 0.247 ppm Benzene, 0.0085 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc: JJM

MCD 000023663



Interoffice Communication

To Leonard S. Guillory (SS# 434-64-6524)
From John LeMAIRE
Date June 9, 1982
Subject RESULTS OF PERSONAL MONITORING

On 5/13/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 5/13/82
Job Classification: #3 Crude Operator
Work Performed: Routine
Suspected Hazard(s): TOTAL ALKANES, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg~~/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 1.12 ~~mg~~/ppm - Total Alkanes, 0.05 ppm Benzene, 0.02 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
KDC

MCD 000023664

Interoffice Communication

To Leonard J. Quillory (SSH 434-64-6524)From JOHN LEMAIREDate June 9, 1982

Subject RESULTS OF PERSONAL MONITORING

On 4/23/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/23/82Job Classification: #3 Crude Outside operatorWork Performed: TRAINING on unit, Spent Most of Time outsideSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg/m³~~/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 1.06 ~~mg/m³~~/ppm - Total Alkanes, 0.19 ppm Benzene, 0.09 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
KDC

MCD 000023665

Interoffice Communication

To DENNIS JOHNSON (SS# 435-66-7615)

From JOHN LEMAIRE

Date June 9, 1986

Subject RESULTS OF PERSONAL MONITORING

On 4/23/86, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/23/86Job Classification: #1 Reformer operatorWork Performed: RoutineSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg~~/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 2.28 ~~mg~~/ppm - Total Alkanes, 0.25 ppm Benzene, 0.15 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
GW

MCD 000023666

Interoffice Communication

To RAY HAMMOND (SSH 437-70-2495)From JOHN LEMAIREDate JUNE 9, 1982Subject RESULTS OF PERSONAL MONITORING

On 4/23/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/23/82Job Classification: #2 Reformer OperatorWork Performed: RoutineSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg~~³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 1.26 ~~mg~~³/ppm - Total Alkanes, 0.10 ppm Benzene, 0.05 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
GW

MCD 000023667

Interoffice Communication

To Pierre Johnson (SS# 435-92-4017)

From JOHN LEMAIRE

Date June 9, 1982

Subject RESULTS OF PERSONAL MONITORING

On 4/3/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 4/3/82Job Classification: FCC operatorWork Performed: RoutineSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 1.74 ppm - Total Alkanes, 0.07 ppm Benzene, 0.05 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
WML

MCD 000023668

Interoffice Communication

To Russell Cook (SS# 438-50-5598)From JOHN LEMAIREDate June 9, 1982

Subject RESULTS OF PERSONAL MONITORING

On 5/13/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 5/13/82Job Classification: Lab. Octane TesterWork Performed: RoutineSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg/m³~~/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 12.37 ~~mg/m³~~/ppm - Total Alkanes, 0.73 ppm Benzene, 3.90 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John Lemaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
MEO

MCD 000023669

Interoffice Communication

To PAUL LEGER (SSH 436-84-5126)

From JOHN LEMAIRE

Date June 9, 1982

Subject RESULTS OF PERSONAL MONITORING

On 5/13/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 5/13/82

Job Classification: Lab. 2nd Tester

Work Performed: Routine

Suspected Hazard(s): TOTAL ALKANES, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg/m³~~/ppm - Total Alkanes, OSHA Benzene 10 ppm, ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 54.37 ~~mg/m³~~/ppm - Total Alkanes, 2.44 ppm Benzene, 16.63 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
MEO

MCD 000023670

Interoffice Communication

To JEFF REED (SS# 438-19-9552)

From JOHN LEMAIRE

Date June 9, 1982

Subject RESULTS OF PERSONAL MONITORING

On 5/13/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 5/13/82Job Classification: Lab. 2nd TesterWork Performed: RoutineSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 ~~mg~~/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 21.82 ~~mg~~/ppm - Total Alkanes, 1.20 ppm Benzene, 11.65 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.



John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
MEO

MCD 000023671



Interoffice Communication

To **TONY HARMON (SS# 433-96-1804)**

From **JOHN LEMAIRE**

Date **June 9, 1972**

Subject **RESULTS OF PERSONAL MONITORING**

On **5/13/72**, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: **5/13/72**

Job Classification: **#2 Crude Operator**

Work Performed: **Routine**

Suspected Hazard(s): **TOTAL ALKANES, Benzene, Toluene**

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV **350** ~~mg/m³~~/ppm - Total Alkanes, OSHA Benzene **10** ppm,

ACGIH Toluene **100** ppm.

The results of the analysis of your sample was **0.28** ~~mg/m³~~/ppm - Total Alkanes, **0.04** ppm Benzene, **0.03** ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
KDC

MCD 000023672

Interoffice Communication

To TRACY J. SONNIER (SS# 435-70-2643)From JOHN LEMAIREDate June 9, 1982Subject RESULTS OF PERSONAL MONITORING

On 5/13/82, you took part in the hygiene monitoring program here in the refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring DataDate: 5/13/82Job Classification: FCC OperatorWork Performed: RoutineSuspected Hazard(s): TOTAL ALKANES, Benzene, TolueneThreshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 0.49 mg/m³/ppm - Total Alkanes, 0.04 ppm Benzene, 0.02 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire

John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
WML

MCD 000023673



Interoffice Communication

To **BRADLEY W. MOREAU** (SS# 433-66-0044)
From **JOHN LEMAIRE**
Date **June 9, 1982**
Subject **RESULTS OF PERSONAL MONITORING**

On 4/23/82, you took part in the hygiene monitoring program here in the Refinery. The purpose of our program is to define or locate work areas where employees may be subject to a harmful exposure. Once the areas are defined, engineering controls may have to be designed and installed to control and reduce the exposure. It may be necessary for employees to use some type protective equipment (ear plugs, respirators, clothing, etc.) until the controls are installed.

The results of the personal monitoring you took part in are outlined below.

Monitoring Data

Date: 4/23/82
Job Classification: Thermal Unit Operator
Work Performed: unit was shutdown for Turnaround
Suspected Hazard(s): TOTAL ALKANES, Benzene, Toluene

Threshold Limit Value (TLV)

The time-weighted average concentrations for a normal eight-hour work day or forty hour work week, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

NIOSH TLV 350 mg/m³/ppm - Total Alkanes, OSHA Benzene 10 ppm,
ACGIH Toluene 100 ppm.

The results of the analysis of your sample was 10.23 mg/m³/ppm - Total Alkanes, 0.13 ppm Benzene, 0.06 ppm Toluene, which is less than the TLV.

Thank you for your cooperation in this program to improve our employees' working conditions.

John LeMaire
John LeMaire
Safety Supervisor
Lake Charles Refinery

ar
cc:
AEG

MCD 000023674