



Route 3, Box 7  
Gallup, New Mexico  
87301

505  
722-3833

October 31, 1990

Mr. Coby Muckelroy  
N.M. Environmental Improvement Division  
Hazardous Waste Section  
1190 St. Francis Drive  
Santa Fe, New Mexico 87503

RE: RESPONSE TO NOTICE OF VIOLATION

Dear Mr. Muckelroy:

On October 10, 1990, Giant Refining Co. received a Notice of Violation-NMD000333211-2 which was dated October 5, 1990. This notice was the result of a September 26, 1990 hazardous waste inspection at the Ciniza Refinery. Giant Refining Co. has reviewed and addressed each of the specified violations. Explanations of actions taken by Giant Refining Co. follows with documentation substantiating these actions included in the attachments.

**NOTICE OF VIOLATION #1**

Several analytical parameters were not analyzed regarding samples of hazardous waste taken to the land treatment unit. This is a violation of the Permit as required by Attachment A, Table A-3. Specifically, pH and hydrogen sulfide were not analyzed in the last sample of K050, trace metals were not analyzed in the last sample of K052, and pH, specific gravity, and hydrogen sulfide were not analyzed in the last sample of K051.

**GIANT RESPONSE:**

Giant has collected samples for each of the three specified waste streams, heat exchanger bundle cleaning sludge (K050)-October 3, 1990; API separator sludge (K051)-October 3, 1990, and tank bottoms-leaded (K052)-October 19, 1990, and has sent the samples to Enseco-Rocky Mountain Analytical. Each of the three samples is being analyzed for every parameter listed in Attachment A, Table A-3. The testing has not been completed, therefore, Giant has not received the analytical results. Copies of Enseco's sample receipt letter and completed copies of the chain of custody are included with this response as Attachment A.

**NOTICE OF VIOLATION #2**

Hazardous wastes taken to the land treatment unit are not sampled directly from the vacuum truck. This is a violation of the Permit as required by Attachment A, section I (pg A-2).

**GIANT RESPONSE:**

John Stokes, the Refinery Manager, has written and had distributed to all refinery personnel, a letter with an attached form. The letter outlines the requirements for sampling and explains the recordkeeping requirements associated with the completion of the attached form. A copy of the letter and attached form is included with this response as Attachment B. Also, two additional signs have been ordered and installed, one at each entrance to the land treatment unit, to remind personnel of the requirements. Each sign is twenty four (24) inches by eighteen (18) inches in size. The background is white with the first two (2) lines in three (3) inch maroon colored letters and the remaining four (4) lines in one and one half (1½) inch black letters. The wording and design is as follows:

BEFORE  
DUMPING  
be sure waste is  
sampled and appropriate  
forms are completed  
and signed

**NOTICE OF VIOLATION #3**

Personnel training has not been conducted within the past six months. This is a violation of the Permit as required by Attachment D (pg. D-2).

**GIANT RESPONSE:**

The Environmental Manager conducted hazardous waste training for refinery personnel over the last four (4) weeks (October 4, 11, 18 and 25, 1990). This four (4) week schedule is required to assure attendance of shift workers. A condensed outline of the topics covered in the training was prepared and given to each employee during the training. Each employee was required to sign, date and return the outline to the Environmental Manager. This supplies Giant with verification that the appropriate personnel training has been conducted and the date of training for each employee. Copies of the documentation for the October training is included with this response as Attachment C.

October 31, 1990

**NOTICE OF VIOLATION #4**

Records documenting that personnel have recently received and completed appropriate training were not available during the inspection. This is a violation of the Permit as required by Module II.F (pg. 13).

**GIANT RESPONSE:**

Attendance lists for training in October, 1989 and April, 1990 were available during the September 26, 1990 inspection. However, outlines listing the topics covered during each training session were not included in the files. Future training will be documented by the same method used in Attachment C of this response. Giant is currently updating the training manual as required by Module II.F of the Permit. A dated copy of the revised training program will be submitted to the Director for the permit files prior to its implementation.

**NOTICE OF VIOLATION #5**

Giant has failed to collect two replicate samples for volatile organic parameters annually as indicated in Table G-3 of the Permit. This is a violation of the Permit as required by Attachment G.2.f.

**GIANT RESPONSE:**

Giant has collected and analyzed two replicate samples from the detection monitoring system for volatile organic parameters as required by Attachment G.2.f, G.2.13.ii and Table G-3. The copy of the analytical report from Enseco-Rocky Mountain Analytical containing these results should have been included as an attachment to a groundwater report sent to Jack Ellvinger dated June 22, 1990. An additional copy was requested and has been sent to Dr. Bruce Swanton of your staff on October 11, 1990. A copy of each cover letter has been included with this response as Attachment D.

If you have any comments or questions about Giant's corrective actions, please contact my office at (505) 722-0217.

Sincerely,

*Claud Rosendale*  
Claud Rosendale  
Environmental Manager  
Ciniza Refinery

Mr. Coby Muckleroy

-4-

October 31, 1990

CR:cam

cc w/ Attachments: John Stokes, Giant Refining Co.  
Carl Shook, Giant Industries Arizona, Inc.  
Kim Bullerdick, Giant Industries Arizona, Inc.

LIST OF ATTACHMENTS

Attachment A:

Enseco sample receipt letters and attachments dated  
10-05-90 and 10-26-90

Attachment B:

John Stokes letter and attached form dated 10-17-90

Attachment C:

Training Documentation (92 copies)

Attachment D:

Letter from Giant to Jack Ellvinger dated 06-22-90

Letter from Giant to Dr. Bruce Swanton dated 10-11-90

**LIBRARY COPY**



GIANT REFINING CO.  
CINIZA REFINERY  
RESPONSE TO NMEID's  
SEPTEMBER 26, 1990  
NOTICE OF VIOLATION

ATTACHMENT A

Rocky Mountain Analytical Laboratory  
4955 Yarrow Street, Arvada, CO 80002 (303) 421-6611

A DIVISION OF  
ENSECO  
INCORPORATED

10/05/90

Claud Rosendale  
Giant Refining  
Route 3 Box 7  
Gallup, NM 87301

Dear Mr. Rosendale:

This is to acknowledge that we received your 4 samples at our laboratory. They have been assigned our lab project number 011645. Enclosed is a sample description form indicating our sample numbers and your corresponding identifications and a copy of the Chain of Custody. In addition to the sample descriptions, this form also provides you with sample disposition information.

As a service to you, Enseco Incorporated will dispose of and/or store samples as designated by you for a nominal fee; or, return the sample to you at no charge.

A Final Disposition Form will accompany the final report which will reflect the current disposition status of the samples. A change in sample disposition status can be made on this form and mailed back to Enseco within thirty (30) days. A sample disposition status of "PENDING" requires you to select a sample disposition option of either STORE, DISPOSE, or RETURN within thirty (30) days or the samples will be shipped back to your report mailing address.

If you have any questions regarding your project or need additional sample bottles please contact me.

Sincerely,



Julie Essey  
Program Administrator

10/05/90

## SAMPLE DESCRIPTION INFORMATION

for

Giant Refining

<u>Sample No.</u>	<u>Sample Description</u>	<u>Sample Type</u>	<u>Date Sampled</u>	<u>Date Received</u>	<u>Sample Disposal</u>
*011645-0001-SA	LYS #1	AQUEOUS	10/03/90	10/04/90	DISPOSAL
*011645-0002-SA	LYS #2	AQUEOUS	10/03/90	10/04/90	DISPOSAL
*011645-0003-SA	API SLUDGE (K051)	WASTE	10/03/90	10/04/90	PENDING
*011645-0004-SA	HEAT EXCHANGE SLUDGE (K050)	WASTE	10/03/90	10/04/90	PENDING

\* = Receipt of this new sample is acknowledged by this letter

**Enseco - Rocky Mountain Analytical**

4955 Yarrow Street  
 Arvada, Colorado 80002  
 303/421-6611 Facsimile: 303/431-7171

Attn: Julie Essey

Enseco Client Giant Refining Co.

Project Permit

Sampling Co. Giant Refining Co.

Sampling Site Gaiza Refinery

Team Leader Gland Rosendale

**RMAL # 11645**

**CHAIN OF CUSTODY**

**No. SAMPLE SAFE™ CONDITIONS**

1. Packed by: \_\_\_\_\_ Seal # \_\_\_\_\_
2. Seal Intact Upon Receipt by Sampling Co.:  Yes  No
3. Condition of Contents: Good
4. Sealed for Shipping by: Gland Rosendale
5. Initial Contents Temp.: \_\_\_\_\_ °C Seal # \_\_\_\_\_
6. Sampling Status:  Done  Continuing Until \_\_\_\_\_
7. Seal Intact Upon Receipt by Laboratory:  Yes  No
8. Contents Temperature Upon Receipt by Lab: \_\_\_\_\_ °C
9. Condition of Contents: \_\_\_\_\_

Date	Time	Sample ID/Description	Sample Type	No. Containers	Analysis Parameters	Remarks
#09 10-7-90	1000	API Sludge (K051)	sludge	1- #32	See Attached ↓	
				1- #31		
				3- #30		
#04 10-7-91	1015	Heat Exchanger Sludge (K050)	solid	1- #32		
				1- #31		
				3- #30		

**CUSTODY TRANSFERS PRIOR TO SHIPPING**

Relinquished by: (signed)	Received by: (signed)	Date	Time
1 <u>Gland Rosendale</u>	_____	<u>10-8-90</u>	<u>1130</u>
2 _____	_____	_____	_____
3 _____	_____	_____	_____

**SHIPPING DETAILS**

Delivered to Shipper by: <u>Gland Rosendale</u>	_____
Method of Shipment: <u>Federal Express</u>	Airbill # <u>6806791213</u>
Received for Lab: <u>Rmax</u>	Signed: <u>B. Mason</u> Date/Time <u>10/4/90</u>
Enseco Project No. <u>11645</u>	<u>0800</u>

Table A-3  
FREQUENCY OF ANALYSIS

Analytical Parameter	K049 Slop Oil	K050 Heat Exchg.	K051 API Sludge	K052 Leaded Tank	D001 Ignitable Wastes
Oil Content	E	E	E	E	E
Sp. Gravity	I, B	I, B	A	I, B	A
pH	A	A	A	A	A
Tot. Org. Carbon	B	B	B	B	B
Total Nitrogen	B	B	B	B	B
Trace metals	A	A	A	A	A
Volatile Organics	B	B	B	B	B
Organic acids	B	B	B	B	B
Base/neutral Org.	B	B	B	B	B
Total Cyanides	B	B	B	B	B
Hydrogen sulfide	A	A	A	A	A

Frequency codes

- A = annually, as generated
- B = biennially, every other year, as generated
- E = each event, every time this waste is generated
- I = initially, the first time this waste is generated under the permit

Trace metals are Arsenic, Cadmium, Chromium, Lead, Mercury and Selenium -  
 Volatile organic compounds are listed in Table G-3 of this permit  
 Organic acids are listed in Table G-3 of this permit  
 Base/neutral organic compounds are listed in Table G-3 of this permit

Rocky Mountain Analytical Laboratory  
955 Yarrow Street, Arvada, CO 80002 (303) 421-6611

A DIVISION OF  
ENSECO  
INCORPORATED

10/26/90

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 3
To <i>Claud Rosendale</i>	From <i>Julie Essey</i>	
Co. <i>Giant</i>	Co. <i>Enseco-RMAL</i>	
Dept.	Phone # <i>303-421-1025</i>	
Fax # <i>505-722-3833</i>	Fax # <i>303-421-7171</i>	

Claud Rosendale  
Giant Refining  
Route 3 Box 7  
Gallup, NM 87301

Dear Mr. Rosendale:

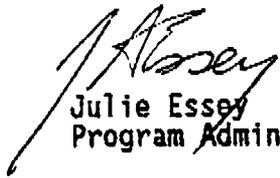
This is to acknowledge that we received your 1 sample at our laboratory. It has been assigned our lab project number 011933. Enclosed is a sample description form indicating our sample number and your corresponding identifications and a copy of the Chain of Custody. In addition to the sample descriptions, this form also provides you with sample disposition information.

As a service to you, Enseco Incorporated will dispose of and/or store samples as designated by you for a nominal fee; or, return the sample to you at no charge.

A Final Disposition Form will accompany the final report which will reflect the current disposition status of the samples. A change in sample disposition status can be made on this form and mailed back to Enseco within thirty (30) days. A sample disposition status of "PENDING" requires you to select a sample disposition option of either STORE, DISPOSE, or RETURN within thirty (30) days or the samples will be shipped back to your report mailing address.

If you have any questions regarding your project or need additional sample bottles please contact me.

Sincerely,

  
Julie Essey  
Program Administrator

10/26/90

SAMPLE DESCRIPTION INFORMATION

for

Giant Refining

<u>Sample No.</u>	<u>Sample Description</u>	<u>Sample Type</u>	<u>Date Sampled</u>	<u>Date Received</u>	<u>Sample Disposal</u>
*011933-0001-SA	LEADED TANK BOTTOMS	WASTE	10/19/90	10/23/90	PENDING

\* = Receipt of this new sample is acknowledged by this letter

OCT 28 3:42 PM FROM ENSEC/RMHL

PAGE.002

**Enseco - Rocky Mountain Analytical**

**CHAIN OF CUSTODY**

**SAMPLE SAFE™ CONDITIONS** No. \_\_\_\_\_

1955 Warrow Street  
 Arvada, Colorado 80002  
 303/421-6611 Facsimile: 303/431-7171

Attn: Julie Essey

Enseco Client Giant Refining Co

Project Permit

Sampling Co. Giant Refining Co

Sampling Site Giant Refinery

Team Leader Clay Rosestate

1. Packed by: \_\_\_\_\_ Seal # \_\_\_\_\_

2. Seal Intact Upon Receipt by Sampling Co.: Yes No

3. Condition of Contents: good

4. Sealed for Shipping by: Rosestate

5. Initial Contents Temp.: \_\_\_\_\_ °C Seal # \_\_\_\_\_

6. Sampling Status: Done Continuing Until \_\_\_\_\_

7. Seal Intact Upon Receipt by Laboratory: Yes No

8. Contents Temperature Upon Receipt by Lab: \_\_\_\_\_ °C

9. Condition of Contents: \_\_\_\_\_

Date	Time	Sample ID/Description	Sample Type	No. Containers	Analysis Parameters	Remarks
10-19	1500	Leaded Tank Bottoms	Sludge	3-1602	See Attached	
				1-802	"	
				1-402	"	

**CUSTODY TRANSFERS PRIOR TO SHIPPING**

Relinquished by: (signed)	Received by: (signed)	Date	Time
1 <u>Clay Rosestate</u>		<u>10-22-92</u>	<u>1004</u>
2 _____			
3 _____			

**SHIPPING DETAILS**

Delivered to Shipper by: Rosestate

Method of Shipment: Fed Express Airbill # \_\_\_\_\_

Received for Lab: Rmad Signed: B. M. ... Date/Time 10/23/92  
0500

Enseco Project No. 11933

Table A-3

FREQUENCY OF ANALYSIS

Analytical Parameter	K049 Slop Oil	K050 Heat Exchg.	K051 API Sludge	K052 Leaded Tank	D001 Ignitable Wastes
Oil Content	E	E	E	E	E
Sp. Gravity	I, B	I, B	A	I, B	A
pH	A	A	A	A	B
Tot. Org. Carbon	B	B	B	B	B
Total Nitrogen	B	B	B	B	B
Trace metals	A	A	A	A	A
Volatile Organics	B	B	B	B	B
Organic acids	B	B	B	B	B
Base/neutral Org.	B	B	B	B	B
Total Cyanides	B	B	B	B	B
Hydrogen sulfide	A	A	A	A	A

Frequency codes

- A = annually, as generated
- B = biennially, every other year, as generated
- E = each event, every time this waste is generated
- I = initially, the first time this waste is generated under the permit

Trace metals are Arsenic, Cadmium, Chromium, Lead, Mercury and Selenium -  
 Volatile organic compounds are listed in Table G-3 of this permit  
 Organic acids are listed in Table G-3 of this permit  
 Base/neutral organic compounds are listed in Table G-3 of this permit

**ATTACHMENT B**

INTEROFFICE  
MEMORANDUM

**GIANT**

Date: October 17, 1990

To: Refinery Personnel

From: John Stokes

Subject: Waste Storage and Disposal

It is necessary that all activities at the Land Treatment Area be coordinated with the Environmental Department. This includes plowing, disposing of waste, dike repairs, leveling or any other activity.

All activities at the Land Treatment Area must be logged by the Environmental Department. All wastes must be sampled and tested with results recorded to meet the requirements of our Permit.

The attached "Waste Disposal/Storage Form" must be completed and signed by both the sampler (Environmentalist) and operator before waste is disposed of in the land treatment unit or when waste is placed in storage. All waste must be sampled prior to processing.

If you have any questions, contact Claud Rosendale.

Thank you,



John Stokes

JS:ctf

Attachment: (Waste Disposal/Storage Form)

WASTE DISPOSAL/STORAGE FORM

Waste Description and EPA Code (if applicable): \_\_\_\_\_

Sample Collected: YES      NO      Date: \_\_\_\_\_

Sample Source: TRUCK      CONTAINER      OTHER: \_\_\_\_\_

Disposal Grid(s): \_\_\_\_\_ Disposal Date: \_\_\_\_\_

Storage Location: \_\_\_\_\_ Storage Date: \_\_\_\_\_

Quantity Disposed(tons): \_\_\_\_\_

Sampler's Signature: \_\_\_\_\_

Operator's Signature: \_\_\_\_\_

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ATTACHMENT C

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Charlotte Smith Date: 10/4/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture

*John Plater*

Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

P. Stanton

Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature x Paul William Date: Oct 4, 1990

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture Lorenzo Bahe Date: 10/21/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Roy Bush*

Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Silbert Mirabal*

Date:

10/4/91

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture

Bob Anderson

Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*John Arnold*

Date:

October 4, 1990

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Robert Nelson Date: Oct. 4, 1990

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture

Alan Kee

Date:

10/1/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature *Joseph Archibetti* Date: 10/4/90

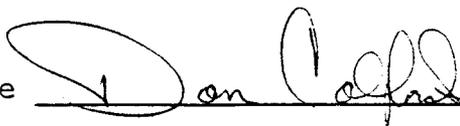
**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

10-7-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture Billy Moore Date: 10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

R. L. Sharp

Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature R. T. Schmidt Date: 10-4-'90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

10/4/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Eddie Stalup

Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature John Rex Lewis Date: 4 Oct '90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Dejly M. Parades*

Date:

10-4-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Luther Carpenter Jr. Date: 10/4/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Valerie Cuellar

Date:

10/4/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know

- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature \_\_\_\_\_

Date: \_\_\_\_\_

100490

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Date:

10-3-80

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

1.0 Introduction

- 1.1 Chemical Hazard of Wastes
- 1.2 Requirements of the Resource Conservation and Recovery Act

2.0 Waste Handling

- 2.1 Description of hazardous wastes generated in the refinery
- 2.2 Description of handling methods
- 2.3 Description of safety procedures
- 2.4 Personnel protection requirements

3.0 Emergency Procedures and Contingency Plan

- 3.1 Emergency Coordinator's duties
- 3.2 Emergency procedures
  - 3.2.1 Fire
  - 3.2.2 Spills

4.0 Hazardous Communications

- 4.1 Safety Data Sheets (MSDS)
- 4.2 Right - to- know

~~5.0 Respiratory Protection~~

~~6.0 Emergency Equipment~~

~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Clayton C. Rowland Date: 10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Rudy Yurkovich

Date:

10/4/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Steve YHARTNER

Date:

10-4-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Darwin Perry Date: Oct 11, 1990

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Pat [unclear]*

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture

Patricia Silva

Date:

10-11-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Cheryl Vargas*

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protecton~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature *Gerald Heacock* Date: 10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Casey Hamilton

Date:

10/11/90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature  Date: 10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE



- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Lonnie Perry Date: 10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protection~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Robert Charley

Date:

10-11-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Leroy J. Garcia

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture

David Chavez

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protecton~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture

Ben Spenser

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Amanda Chavez

Date:

Oct 11, 1990

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Keith Patton*

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protection~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Chaler Arnold

Date:

10-11-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Phillip Brown Date: 10/11/90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Larry Jeff

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protection~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Robert Sanders

Date:

10/11/90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protection~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

J.H. Cobb

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protecton~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Mary Helen Ramirez

Date:

10/11/90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

- =====
- 1.0 Introduction
    - 1.1 Chemical Hazard of Wastes
    - 1.2 Requirements of the Resource Conservation and Recovery Act
  - 2.0 Waste Handling
    - 2.1 Description of hazardous wastes generated in the refinery
    - 2.2 Description of handling methods
    - 2.3 Description of safety procedures
    - 2.4 Personnel protection requirements
  - 3.0 Emergency Procedures and Contingency Plan
    - 3.1 Emergency Coordinator's duties
    - 3.2 Emergency procedures
      - 3.2.1 Fire
      - 3.2.2 Spills
  - 4.0 Hazardous Communications
    - 4.1 Safety Data Sheets (MSDS)
    - 4.2 Right - to- know
  - ~~5.0 Respiratory Protection~~
  - ~~6.0 Emergency Equipment~~
  - ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Teddy Orr

Date:

10-11-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Alvin L. Vidune Date: 10/18/90

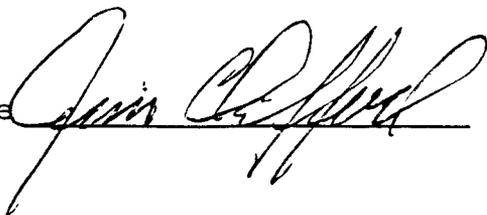
OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

10-18-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signiture Paul J. Lopez Date: 10-18-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protecton~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

John C. Barcia

Date:

10/18/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*David J. [Signature]*

Date:

*10-18/98*

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Cheryl Jones

Date:

10/18/90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Raymond Martinez Date: 10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Sandra Baris Date: 10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Gregory Ordway

Date:

10/18/90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Richard P. Quinn Date: 10-18-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature *Bruce Turpe* Date: 10-18-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Michael J. [Signature] Date: 10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Danny Diaz Date: 10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

Steve Lesquey

Date:

10/18/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Leslie H. Rochowaty Date: 10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Preston Craig Date: 10-18-90

## OPERATIONS AND MAINTENANCE STAFF

### HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Tom Trujillo Date: 10-18-90

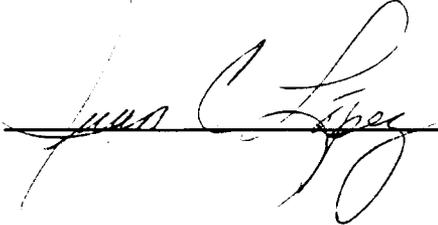
**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Anthony S. Sivilly Date: 10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature DE Anderson Date: 10-18-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Kelly Sanchez Date: 10/8/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Robert A. Givoni, Date: 10/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

James R. [Signature]

Date:

10/26/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Harry Kambler Date: 10/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature *Mike J. Martin* Date: 12/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

10/25/90

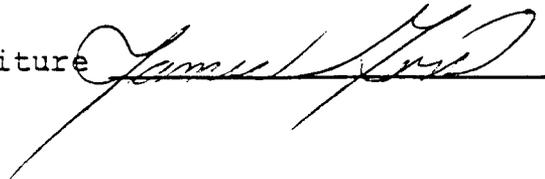
OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

10/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature C. R. Childs Date: 10/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature *Robert D. Ball* Date: 10-25-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

1.0 Introduction

- 1.1 Chemical Hazard of Wastes
- 1.2 Requirements of the Resource Conservation and Recovery Act

2.0 Waste Handling

- 2.1 Description of hazardous wastes generated in the refinery
- 2.2 Description of handling methods
- 2.3 Description of safety procedures
- 2.4 Personnel protection requirements

3.0 Emergency Procedures and Contingency Plan

- 3.1 Emergency Coordinator's duties
- 3.2 Emergency procedures
  - 3.2.1 Fire
  - 3.2.2 Spills

4.0 Hazardous Communications

- 4.1 Safety Data Sheets (MSDS)
- 4.2 Right - to- know

~~5.0 Respiratory Protection~~

~~6.0 Emergency Equipment~~

~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature



Date:

12-25-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature John Saucedo Date: 10-25-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Charlatti A Morris Date: 10-25-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

1.0 Introduction

- 1.1 Chemical Hazard of Wastes
- 1.2 Requirements of the Resource Conservation and Recovery Act

2.0 Waste Handling

- 2.1 Description of hazardous wastes generated in the refinery
- 2.2 Description of handling methods
- 2.3 Description of safety procedures
- 2.4 Personnel protection requirements

3.0 Emergency Procedures and Contingency Plan

- 3.1 Emergency Coordinator's duties
- 3.2 Emergency procedures
  - 3.2.1 Fire
  - 3.2.2 Spills

4.0 Hazardous Communications

- 4.1 Safety Data Sheets (MSDS)
- 4.2 Right - to- know

~~5.0 Respiratory Protection~~

~~6.0 Emergency Equipment~~

~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*John J. [Signature]*

Date:

*10/25/90*

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Bob Simpson Date: 10-25-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Richard Justice Date: 10-25-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Andrew P. Gypa Date: 10/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

1.0 Introduction

- 1.1 Chemical Hazard of Wastes
- 1.2 Requirements of the Resource Conservation and Recovery Act

2.0 Waste Handling

- 2.1 Description of hazardous wastes generated in the refinery
- 2.2 Description of handling methods
- 2.3 Description of safety procedures
- 2.4 Personnel protection requirements

3.0 Emergency Procedures and Contingency Plan

- 3.1 Emergency Coordinator's duties
- 3.2 Emergency procedures
  - 3.2.1 Fire
  - 3.2.2 Spills

4.0 Hazardous Communications

- 4.1 Safety Data Sheets (MSDS)
- 4.2 Right - to- know

~~5.0 Respiratory Protection~~

~~6.0 Emergency Equipment~~

~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Michael O'Neil Date: 10/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature *[Handwritten Signature]* Date: *10/25/90*

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Ronald Gygman*

Date:

10/25/90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature *Franz Houma* Date: *10-25-90*

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Bill Clark Date: 10-25-90

**OPERATIONS AND MAINTENANCE STAFF**

**HAZARDOUS WASTE TRAINING OUTLINE**

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature

*Ben Smith*

Date:

10-25-90

OPERATIONS AND MAINTENANCE STAFF

HAZARDOUS WASTE TRAINING OUTLINE

=====

- 1.0 Introduction
  - 1.1 Chemical Hazard of Wastes
  - 1.2 Requirements of the Resource Conservation and Recovery Act
- 2.0 Waste Handling
  - 2.1 Description of hazardous wastes generated in the refinery
  - 2.2 Description of handling methods
  - 2.3 Description of safety procedures
  - 2.4 Personnel protection requirements
- 3.0 Emergency Procedures and Contingency Plan
  - 3.1 Emergency Coordinator's duties
  - 3.2 Emergency procedures
    - 3.2.1 Fire
    - 3.2.2 Spills
- 4.0 Hazardous Communications
  - 4.1 Safety Data Sheets (MSDS)
  - 4.2 Right - to- know
- ~~5.0 Respiratory Protection~~
- ~~6.0 Emergency Equipment~~
- ~~7.0 Emergency Response to Simulated Fire Conditions~~

Signature Thomas P. Marten Date: 10-25-90

**ATTACHMENT D**



Route 3, Box 7  
Gallup, New Mexico  
87301

505  
722-3833

June 22, 1990

Jack Ellvinger  
Bureau Chief-NMEID  
Hazardous Waste Bureau  
Harold Runnels Building  
1190 St. Francis Drive  
Santa Fe, NM 87504-0968

RE: Semi-annual Groundwater Sampling

The calculation sheets for semi-annual evaluation of indicator parameters for the spring sampling event are attached. This complies with the reporting requirements of Permit No. NMD000333211-2.

OW-11 has not been sampled for the Appendix IX constituents as recommended by Dr. Bruce Swanton of your staff. However, Giant Refining is considering the drilling of two new upgradient wells to evaluate and use for background calculations.

If you have any questions, contact me at (505) 722-3833, ext. 217.

  
Claud Rosendale  
Environmental Manager  
Ciniza Refinery

CCR:smb

Attachments

cc: Kim Bullerdick



Route 3, Box 7  
Gallup, New Mexico  
87301

505  
722-3833

October 11, 1990

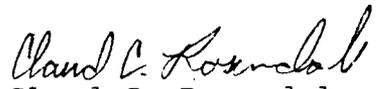
Dr. Bruce A. Swanton  
N.M. Environmental Improvement Division  
Hazardous Waste Section  
1190 St. Francis Drive  
Santa Fe, NM 87503

RE: ANNUAL SAMPLING DATA

The attached analytical is for the March, 1990 sampling event and includes the parameters required for the annual sampling events. In particular, it includes the two replicate samples and analysis for volatile organic parameters which is listed as item #5 in the October 5, 1990 Notice of Violation.

If you have any question, please contact my office at (505) 722-0217.

Sincerely,

  
Claud C. Rosendale  
Environmental Manager  
Ciniza Refinery

CCR:smb

cc: w/attachments (March 27, 1990 Groundwater Analytical)  
Kim Bullerdick, Corporate Council, Giant Refining