

GW - 028

NM OSHA

Chavez, Carl J, EMNRD

From: VonGonten, Glenn, EMNRD
Sent: Friday, October 26, 2012 9:47 AM
To: Bailey, Jami, EMNRD; Sanchez, Daniel J., EMNRD; Lowe, Leonard, EMNRD; Chavez, Carl J, EMNRD; Jones, Brad A., EMNRD; Hansen, Edward J., EMNRD; Griswold, Jim, EMNRD
Cc: Dade, Randy, EMNRD; Bratcher, Mike, EMNRD
Subject: FW: Settlement Reached with Navajo Refining Following Worker Deaths
Attachments: PR102612 Environment Department Reaches Deal with Navajo Refining.docx

FYI

Glenn von Gonten
Senior Hydrologist
Environmental Bureau
Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505
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<http://www.emnrd.state.nm.us/ocd/>

From: Winchester, Jim, NMENV
Sent: Friday, October 26, 2012 9:18 AM
To: Winchester, Jim, NMENV
Subject: Settlement Reached with Navajo Refining Following Worker Deaths



STATE OF NEW MEXICO

Environment Department

SUSANA MARTINEZ, GOVERNOR

David Martin, *Cabinet Secretary*
Butch Tongate, *Deputy Secretary*

NEWS RELEASE

October 26, 2012

Contact: Jim Winchester
Communications Director
New Mexico Environment Department
(505)231-8800 / jim.winchester@state.nm.us

New Mexico Environment Department and Navajo Refining Reach Agreement on Safety Violations Following Worker Deaths

Santa Fe -- The New Mexico Environment Department and Navajo Refining of Artesia entered a settlement agreement for citations issued by the Department's Occupational Health and Safety Bureau, or New Mexico OSHA. The citations resulted from an investigation of a March 2010 accident, which killed two employees and seriously injured two others at the Artesia refinery. As part of the agreement, the company will pay a \$400,000 fine, the highest penalty ever collected by the state OSHA program.

"New Mexico OSHA is committed to ensuring safe workplaces for employees," said Butch Tongate, Deputy Secretary of the Environment Department. "We will continue working with employers within the oil, gas and refining industries to prevent these types of tragic accidents from endangering the lives of workers."

The accident occurred when employees of Northwest Insulation of Texas were performing welding operations on top of a storage tank at the refinery. The four victims, all Northwest employees, had just finished lunch on March 2, 2010. When the crew resumed work after the lunch break a welder ignited vapors from flammable liquids within the tank. The resulting explosion ripped open the top of the tank and the ensuing fire burned for more than an hour before being extinguished by the refinery's fire brigade. As a result of the settlement, Navajo Refining of Artesia does not admit fault, but does agree to settle to a \$400,000 fine.

"The hazards of welding on or near petroleum storage tanks, as well as methods for preventing associated accidents, are well known within the industry," said Robert Genoway, Acting Bureau Chief for New Mexico OSHA. "This type of hazard has resulted in far too many inexcusable accidents and deaths in New Mexico and nationwide."

New Mexico OSHA cited both Navajo Refining and Northwest Insulation for violations which included failing to properly inspect the work area prior to welding, failing to instruct employees on methods for determining the presence of flammables, and permitting the employees to weld in an area where flammable liquids and vapors were present. The state's case against Northwest was settled in January 2011. Both companies have provided documentation of actions taken to abate all violations and the refinery is subject a follow-up inspection to verify continued correction.

Under the New Mexico Occupational Health and Safety Act, employers are responsible for providing safe and healthful workplaces for their employees. New Mexico OSHA's role is to ensure these conditions for working men and women in the state by setting and enforcing standards, and providing training, education and assistance. For more information, visit [http:// www.nmenv.state.nm.us/Ohsb Website/](http://www.nmenv.state.nm.us/Ohsb_Website/).

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Jim Winchester
Communications Director
New Mexico Environment Department &

State of New Mexico
Environment Department
Occupational Safety and Health Bureau
525 Camino de los Marquez
P. O. Box 5469
Santa Fe, NM 87502-5469
Phone: (505)476-8700 FAX: (505)476-8734



Citation and Notification of Penalty

To:
Northwest Insulation
and its successors
P. O. Box 3006
Odessa, TX 79760

Inspection Number: 314270364
Inspection Date(s): 03/03/2010 -
Issuance Date: 08/31/2010

Inspection Site:
501 East Main Street
Artesia, NM 88210

The violation(s) described in this Citation and Notification of Penalty is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Citation and Notification of Penalty (this Citation) describes violations of the Occupational Safety and Health Act of 1970. The penalty(ies) listed herein is (are) based on these violations. You must abate the violations referred to in this Citation by the dates listed and pay the penalties proposed, unless within 15 working days (excluding weekends and Federal holidays) from your receipt of this Citation and Notification of Penalty you mail a notice of contest to the Environment Department, Occupational Health and Safety Bureau at the address shown above. Issuance of this Citation does not constitute a finding that a violation of the Act has occurred unless there is a failure to contest as provided for in the Act or, if contested, unless this Citation is affirmed by the Review Commission or a court.

Posting - The law requires that a copy of this Citation and Notification of Penalty be posted immediately in a prominent place at or near the location of the violation(s) cited herein, or, if it is not practicable because of the nature of the employer's operations, where it will be readily observable by all affected employees. This Citation must remain posted until the violation(s) cited herein has (have) been abated, or for 3 working days (excluding weekends and Federal holidays), whichever is longer. **The penalty dollar amounts need not be posted and may be marked out or covered up prior to posting.**

Informal Conference - An informal conference is not required. However, at the request of an employer, affected employee, or representative of employees, the Bureau Chief or the Bureau Chief's designee may hold an informal conference. At this conference any issues raised by an inspection, citation, proposed penalty, proposed petition for modification of abatement date or proposed petition for variance may be discussed. If you intend to request an informal conference, take care to schedule it early enough to allow time to contest after the informal conference discussion, should you decide to do so.

When the conference is requested by an employer, an affected employee or representative shall be afforded an opportunity to participate, at the discretion of the Bureau Chief or Bureau Chief's designee. When the conference is requested by an employee or representative of employees, the employer shall be afforded an opportunity to participate, at the discretion of the Bureau Chief or Bureau Chief's designee.

The request for an informal conference and the informal conference meeting shall not extend or modify in any manner:

- 1) an abatement date established in the citation;
- 2) the deadline for an employer to file a notice of contest;
- 3) any other filing deadline related to the citation; or
- 4) any matter pending before the bureau.

Once an employer files a notice of contest, a petition for modification of the abatement date, a request for a commission hearing, a petition for variance, or other filing with the Occupational Health and Safety Review Commission or the Environment Department, the opportunity for an informal conference is no longer available.

Right to Contest - You have the right to contest this Citation and Notification of Penalty. You may contest all citation items or only individual items. You may also contest proposed penalties and/or abatement dates without contesting the underlying violations. Unless you inform the Bureau Chief in writing that you intend to contest the citation(s) and/or proposed penalty(ies) within 15 working days after receipt, the citation(s) and the proposed penalty(ies) will become a final order of the Occupational Safety and Health Review Commission and may not be reviewed by any court or agency. It is recommended that the Notice of Contest be filed via "Certified Mail".

Penalty Payment - Penalties are due within 15 working days of receipt of this notification unless contested. Make your check or money order payable to the Environment Department, Occupational Health and Safety Bureau. Please indicate the Inspection Number on the remittance.

OSHA does not agree to any restrictions or conditions or endorsements put on any check or money order for less than the full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.

Notification of Corrective Action - For violations which you do not contest, you should notify the Occupational Health and Safety Bureau (OHSB) that each cited violation has been abated. To certify abatement, you should complete the "Description of Corrective Action Taken" box which follows each citation and sign the statement on the last citation page. You are not required to certify abatement if the compliance officer observed that abatement has occurred during the on-site inspection. The citation may indicate that you should submit additional documentation such as photographs, purchase orders, copies of written programs, etc. Please return all completed forms and documents to the Program Manager no later than 10 days after the abatement date.

You are also required to inform your employees about abatement activities by **posting a copy of each document submitted to OHSB or a summary of the document near the place where the violation occurred. Documents must remain posted for 3 working days after submission to OHSB.**

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the Environment Department, Occupational Health and Safety Bureau at the address shown above.

Notice to Employees - The law gives an employee or his/her representative the opportunity to object to any abatement date set for a violation if he/she believes the date to be unreasonable. The contest must be mailed to the Environment Department, Occupational Health and Safety Bureau at the address shown above and postmarked within 15 working days (excluding weekends and Federal holidays) of the receipt by the employer of this Citation and Notification of Penalty.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 1 Type of Violation: **Serious**

11.5.3.9 NMAC

29 CFR 1926.20(b)(2): The employer did not initiate and maintain programs which provided for frequent and regular inspections of the job site, materials and equipment to be made by a competent person(s):

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to ensure that inspections were conducted adequately and with sufficient frequency to detect the presence of an explosive/flammable atmosphere in and around Tank 82.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 4900.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 2 Type of Violation: **Serious**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe conditions and the regulations applicable to his/her environment to control or eliminate any hazards or other exposure to illness or injury:

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct employee #1 in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____

Describe Corrective Action:

Date By Which Violation Must be Abated:

10/03/2010

Proposed Penalty:

\$ 4900.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 3 Type of Violation: **Serious**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct employee #2 in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 4900.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 4 Type of Violation: **Serious**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct employee #3 in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 4900.00

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 5 Type of Violation: **Serious**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct employee #4 in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 4900.00

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 6 Type of Violation: **Serious**

11.5.3.9 NMAC
29 CFR 1926.24: The employer had not developed and/or maintained an effective fire protection and prevention program at the job site through-out all phases of the construction, repair, alteration, or demolition work:

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer did not develop a fire prevention program to include procedures for determining the presence and of flammable atmospheres during new tank construction within a refinery, where sources of ignition were to be present.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 4900.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 7 Type of Violation: **Serious**

11.5.3.9 NMAC
29 CFR 1926.352(c): Welding, cutting, or heating was done in the presence of flammable compounds and/or heavy dust concentrations creating a hazard:

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to ensure that welding was not conducted in the presence of flammable or combustible liquids, including naphtha, and vapors.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 4900.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

Citation 1 Item 8 Type of Violation: **Serious**

11.5.3.9 NMAC
29 CFR 1926.352(i): Drums containers, or hollow structures which contained toxic or flammable substances were not, before welding, cutting, or heating was undertaken on them, either filled with water or thoroughly cleaned of such substances and ventilated and tested:

On or about March 2, 2010 Northwestern Insulation employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to ensure that Tank 82 was filled with water to the exclusion of quantities of flammable substances sufficient to present explosion and fire danger, or to ensure that the tank was thoroughly cleaned, ventilated and tested prior to allowing employees to commence welding operations.

Date Corrected: _____
Describe Corrective Action:

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314270364
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

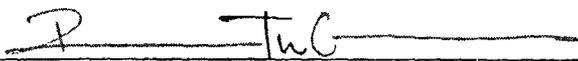
Citation and Notification of Penalty

Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210

I attest that all corrective actions contained in this document are accurate and affected employees have been informed of the abatement.

Signature: _____ Date: _____

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 4900.00



Robert Genoway
Program Manager

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

State of New Mexico
Environment Department
Occupational Safety and Health Administration
Occupational Safety & Health Bureau
P. O. Box 5469
Santa Fe, NM 87502-5469
Phone: (505)476-8700 FAX: (505)476-8734



INVOICE

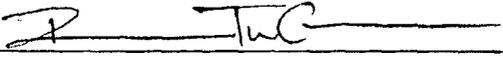
Company Name: Northwest Insulation
Inspection Site: 501 East Main Street, Artesia, NM 88210
Issuance Date: 08/31/2010

Summary of Penalties for Inspection Number 314270364

Citation 1, Serious = \$ 39200.00
TOTAL PROPOSED PENALTIES = \$ 39200.00

Please remit payment promptly to this office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to: Environment Department, Occupational Health and Safety Bureau. Please indicate OHSB's Inspection Number (indicated above) on the remittance.

OHSB does not agree to any restrictions or conditions or endorsements put on any check or money order for less than full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.



Robert Genoway, Program Manager

2010-08-31

Date

State of New Mexico
Environment Department
Occupational Safety and Health Bureau
525 Camino de los Marquez
P. O. Box 5469
Santa Fe, NM 87502-5469
Phone: (505)476-8700 FAX: (505)476-8734



Citation and Notification of Penalty

To:
Navajo Refining Company, LLC
and its successors
501 East Main Street
Artesia, NM 88211

Inspection Number: 314409129
Inspection Date(s): 03/03/2010 -
Issuance Date: 08/31/2010

Inspection Site:
501 East Main Street
Artesia, NM 88211

The violation(s) described in this Citation and Notification of Penalty is (are) alleged to have occurred on or about the day(s) the inspection was made unless otherwise indicated within the description given below.

This Citation and Notification of Penalty (this Citation) describes violations of the Occupational Safety and Health Act of 1970. The penalty(ies) listed herein is (are) based on these violations. You must abate the violations referred to in this Citation by the dates listed and pay the penalties proposed, unless within 15 working days (excluding weekends and Federal holidays) from your receipt of this Citation and Notification of Penalty you mail a notice of contest to the Environment Department, Occupational Health and Safety Bureau at the address shown above. Issuance of this Citation does not constitute a finding that a violation of the Act has occurred unless there is a failure to contest as provided for in the Act or, if contested, unless this Citation is affirmed by the Review Commission or a court.

Posting - The law requires that a copy of this Citation and Notification of Penalty be posted immediately in a prominent place at or near the location of the violation(s) cited herein, or, if it is not practicable because of the nature of the employer's operations, where it will be readily observable by all affected employees. This Citation must remain posted until the violation(s) cited herein has (have) been abated, or for 3 working days (excluding weekends and Federal holidays), whichever is longer. **The penalty dollar amounts need not be posted and may be marked out or covered up prior to posting.**

Informal Conference - An informal conference is not required. However, at the request of an employer, affected employee, or representative of employees, the Bureau Chief or the Bureau Chief's designee may hold an informal conference. At this conference any issues raised by an inspection, citation, proposed penalty, proposed petition for modification of abatement date or proposed petition for variance may be discussed. If you intend to request an informal conference, take care to schedule it early enough to allow time to contest after the informal conference discussion, should you decide to do so.

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The request for an informal conference and the informal conference meeting shall not extend or modify in any manner:

- 1) an abatement date established in the citation;
- 2) the deadline for an employer to file a notice of contest;
- 3) any other filing deadline related to the citation; or
- 4) any matter pending before the bureau.

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Penalty Payment - Penalties are due within 15 working days of receipt of this notification unless contested. Make your check or money order payable to the Environment Department, Occupational Health and Safety Bureau. Please indicate the Inspection Number on the remittance.

OSHA does not agree to any restrictions or conditions or endorsements put on any check or money order for less than the full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.

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You are also required to inform your employees about abatement activities by **posting a copy of each document submitted to OHSB or a summary of the document near the place where the violation occurred. Documents must remain posted for 3 working days after submission to OHSB.**

Employer Discrimination Unlawful - The law prohibits discrimination by an employer against an employee for filing a complaint or for exercising any rights under this Act. An employee who believes that he/she has been discriminated against may file a complaint no later than 30 days after the discrimination occurred with the Environment Department, Occupational Health and Safety Bureau at the address shown above.

Notice to Employees - The law gives an employee or his/her representative the opportunity to object to any abatement date set for a violation if he/she believes the date to be unreasonable. The contest must be mailed to the Environment Department, Occupational Health and Safety Bureau at the address shown above and postmarked within 15 working days (excluding weekends and Federal holidays) of the receipt by the employer of this Citation and Notification of Penalty.



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 1 Type of Violation: **Willful**

11.5.3.9 NMAC
29 CFR 1926.20(b)(2): The employer did not initiate and maintain programs which provided for frequent and regular inspections of the job site, materials, and equipment to be made by competent persons designated by the employers.

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

1. The employer failed to ensure that materials, which included flammable or combustible liquids, transferred into Tank 82 were inspected to prevent the accumulation of such materials in sufficient quantities in new tanks as to present fire and explosion hazards.
2. The employer failed to ensure that inspections were conducted adequately and with sufficient frequency to detect the presence of an explosive/flammable atmosphere in and around Tank 82.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 70000.00

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 2 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct or ensure that personnel responsible for authorizing welding operations performed by contractors were instructed in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements for welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 70000.00

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 3 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct or ensure that personnel responsible for inspecting an area prior to welding operations performed by contractors were instructed in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements for welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 70000.00

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 4 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct or ensure that Northwestern Insulation employee #1 was instructed in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated:
Proposed Penalty:

10/03/2010
\$ 70000.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 5 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct or ensure that Northwestern Insulation employee #2 was instructed in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 70000.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 6 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct or ensure that Northwestern Insulation employee #3 was instructed in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 70000.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 7 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.21(b)(2): The employer did not instruct each employee in the recognition and avoidance of unsafe condition(s) and the regulation(s) applicable to his work environment to control or eliminate any hazard(s) or other exposure to illness or injury:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to instruct or ensure that Northwestern Insulation employee #4 was instructed in appropriate methods for determining the presence of explosive, flammable and combustible materials or atmospheres and in the associated safety and fire prevention requirements when performing welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated: 10/03/2010
Proposed Penalty: \$ 70000.00

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 8 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.24: The employer had not developed and/or maintained an effective fire protection and prevention program at the job site throughout all phases of the construction, repair, alteration, or demolition work:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer's fire prevention program did not include procedures for identifying the movement and location of flammable and combustible materials, including naphtha, prior to new tank construction and for determining the presence of flammable atmospheres during new tank construction where sources of ignition were to be present.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated:
Proposed Penalty:

10/03/2010
\$ 70000.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 9 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.352(c): Welding, cutting, or heating was done in the presence of flammable compounds an/or heavy dust concentrations creating a hazard:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to ensure that welding was not conducted in the presence of flammable or combustible liquids, including naphtha, and vapors.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated:
Proposed Penalty:

10/03/2010
\$ 70000.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 1 Item 10 Type of Violation: **Willful**

11.5.3.9 NMAC

29 CFR 1926.352(i): Drums, containers, or hollow structures which contained toxic or flammable substances were not, before welding, cutting, or heating was undertaken on them, either filled with water or thoroughly cleaned of such substances and ventilated and tested:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to ensure that Tank 82 was filled with water to the exclusion of quantities of flammable substances sufficient to present explosion and fire danger, or thoroughly cleaned of flammable substances, ventilated and tested prior to authorizing commencement of welding operations.

Date Corrected: _____
Describe Corrective Action:

Date By Which Violation Must be Abated:
Proposed Penalty:

10/03/2010
\$ 70000.00

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

Citation 2 Item 1 Type of Violation: **Serious**

11.5.3.9 NMAC

29 CFR 1926.21(b)(5): Employee(s) required to handle or use flammable liquids, gases, or toxic materials were not instructed in the safe handling and use of these materials and made aware of the specific requirements contained in 29 CFR 1926, subparts D, F, and other applicable subparts:

On or about March 2, 2010, employees were exposed to hazards associated with conducting welding operations on Tank 82 in the presence of combustible or flammable liquids and flammable vapors, including fire and explosions.

The employer failed to ensure that employees were instructed in appropriate methods for transferring liquids between used and new storage tanks to ensure that flammable and combustible materials were not transferred in sufficient quantities as to create explosion and fire hazards during planned welding operations. Employees performing liquid transfer were not informed of requirements for fire control and prevention related to the transfer of such liquids to new tanks.

Date Corrected: _____
Describe Corrective Action:

See pages 1 through ? of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

STATE OF NEW MEXICO
ENVIRONMENT DEPARTMENT
Occupational Health and Safety Bureau

Inspection Number: 314409129
Inspection Dates: 03/03/2010 -
Issuance Date: 08/31/2010



525 Camino de los Marquez
P. O. Box 5469
Santa Fe, New Mexico 87502-5469

Citation and Notification of Penalty

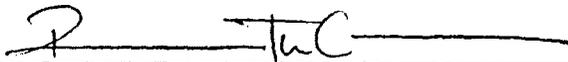
Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211

I attest that all corrective actions contained in this document are accurate and affected employees have been informed of the abatement.

Signature: _____ Date: _____

Date By Which Violation Must be Abated:
Proposed Penalty:

10/03/2010
\$ 7000.00



Robert Genoway
Program Manager

See pages 1 through 7 of this Citation and Notification of Penalty for information on employer and employee rights and responsibilities.

State of New Mexico
Environment Department
Occupational Safety and Health Administration
Occupational Safety & Health Bureau
P. O. Box 5469
Santa Fe, NM 87502-5469
Phone: (505)476-8700 FAX: (505)476-8734



INVOICE

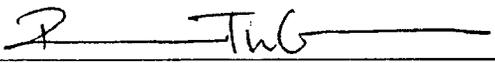
Company Name: Navajo Refining Company, LLC
Inspection Site: 501 East Main Street, Artesia, NM 88211
Issuance Date: 08/31/2010

Summary of Penalties for Inspection Number 314409129

Citation 1, Willful	= \$ 700000.00
Citation 2, Serious	= \$ 7000.00
TOTAL PROPOSED PENALTIES	= \$ 707000.00

Please remit payment promptly to this office for the total amount of the uncontested penalties summarized above. Make your check or money order payable to: Environment Department, Occupational Health and Safety Bureau. Please indicate OHSB's Inspection Number (indicated above) on the remittance.

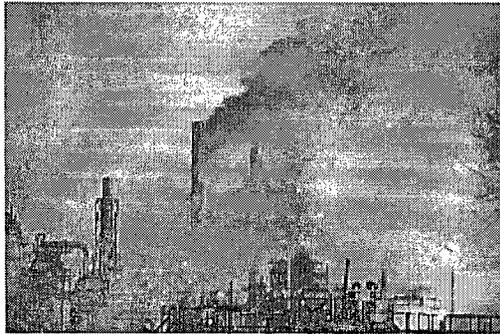
OHSB does not agree to any restrictions or conditions or endorsements put on any check or money order for less than full amount due, and will cash the check or money order as if these restrictions, conditions, or endorsements do not exist.


Robert Genoway, Program Manager

2010-08-31
Date

Artesia refinery fined \$707,000 for safety lapses associated with deadly blast

By Bryant Furlow 9/17/10 11:48 AM  



Navajo refinery. Photo by Glemby

The Navajo Refining Company has been fined \$707,000 for after state investigators found the company knowingly failed to correct safety problems before a deadly March 2 storage tank explosion and fire at the company's plant in Artesia, N.M.

Two workers, Natividad Andajo and Victor Villa, were killed in the blast, their bodies were burned beyond recognition. Two other workers, both critically-injured, were airlifted to a hospital in Lubbock, Texas.

The plant processes crude oil into gasoline, diesel fuel and jet fuel.

The state Occupational Safety and Health Bureau has issued citations for one "serious" violation and 10 "willful" violations — the most serious category of infraction. Violations included the company's failure to train employees to recognize explosive hazards, failing to maintain fire prevention and fire protection programs, and allowing workers to conduct welding operations in the presence of flammable vapors.

"Serious" workplace safety violations are those representing hazards or conditions with a "substantial probability that death or serious physical harm could result," Bureau records show. "Willful" violations are even more serious, representing situations in which the employer knows a hazardous situation exists but makes a knowing, intentional decision not to correct it.

Bureau investigators had issued a total of 10 previous serious safety violation citations against the Navajo Refinery over the three years leading up to the March 2010 storage tank explosion, The Independent reported July 14. Those previous violations included a failure to maintain adequate fireproofing on support beams, missing guard rails, missing danger signs, missing electrical safety equipment and improperly maintained worker respirator equipment.

The Navajo Refinery explosion in March was just one of a string of refinery blasts and fires that have killed dozens of workers over recent years. New Mexico also has the nation's deadliest

natural gas pipeline safety record. U.S. Senators Barbara Boxer and Dianne Feinstein have announced they will soon introduce national pipeline safety legislation, in the aftermath of the massive San Bruno, Calif., pipeline blast last week.

The Navajo refinery reported a hydrogen sulfide leak Sept. 8. In 2009, the Bureau cited the refinery after finding employees had been exposed to hydrogen sulfide fumes at concentrations exceeding the federal occupational safety regulation limit of 50 parts per million. One worker was exposed to 662 parts per million — more than 13 times higher than federal safety regulations permit — without adequate personal protection equipment, inspectors found. Even brief exposures involving inhalation of hydrogen sulfide at concentrations above 500 parts per million can kill and cause permanent brain damage, according to the U.S. Agency for Toxic Substances and Disease Registry (ATSDR).

The Holly Corporation-owned Navajo Refinery is composed of two separate plants: one in Artesia and another 65 miles to the east, in Lovington. The two plants are considered a single refinery because they transfer petroleum products by pipeline and both plants contribute to the same refinery process, Occupational Safety and Health Bureau chief Butch Tongate said.

Artesia refinery cited for safety violations before deadly explosion

By Bryant Furlow 7/14/10 10:28 AM



Navajo refinery. Photo by Glemby

Artesia Fire Chief J.D. Hummingbird heard the explosion at the Navajo Refinery just before 1 p.m. March 2. He stepped outside to see a large, black plume of smoke rising from the facility, which sits at the intersection of two busy highways less than a mile from the fire station. Firefighters arrived to find a storage tank, where contractors had been welding, engulfed in flames.

Two of the workers, Natividad Andajo and Victor Villa, were dead. Their bodies were burned beyond recognition.

Two other workers, both critically-injured, were airlifted to a hospital in Lubbock, Texas. One of them, Juan Carlos Hermsillo, 24, suffered broken arms, broken hips and fractured vertebrae. The refinery's Dallas, Texas-based parent company, Holly Corporation, immediately issued a press release confirming at least one fatality.

The New Mexico Occupational Health and Safety Bureau is investigating the explosion, Bureau chief Butch Tongate told The Independent earlier this week.

The exact cause of the explosion is not yet clear, but the investigation comes at a time of increasing concern about safety problems at refineries nationwide. Hermsillo, who filed a lawsuit from his hospital bed in March, claims in court records that safety inspections were not conducted before welding began the day of the explosion.

"The fire was tragic and the cause is still under investigation," refinery attorney Joel Carson told The Independent in an e-mail.

Four lawsuits have been filed against the refinery, Carson said: two by the dead workers' families and two by the injured workers. The company conducted internal safety reviews but cannot comment on those because of those pending lawsuits, Carson wrote.

Ten 'serious' safety violations in three years

Bureau inspection records obtained by The Independent show a series of serious safety lapses at the Navajo Refinery between 2007 and 2009. A total of three Bureau inspections — a comprehensive, four-day-long inspection in December 2007 and two single-day inspections in November 2008 and October 2009 — identified a total of 11 occupational safety violations at the Navajo Refinery, Bureau records show.

All but one of the violations were deemed “serious,” meaning they represented a hazard or condition with a “substantial probability that death or serious physical harm could result,” Bureau records show.

None of the violations involved storage tanks and the company remedied the identified problems within months of being cited, Bureau records confirm.

Nine of the 11 violations were identified during the comprehensive 2007 inspection. That inspection was part of a nationwide effort coordinated by the U.S. Occupational Safety and Health Administration (OSHA), Navajo Refining Company President David Lamp told The Independent in an e-mail.

“We always conduct our business with high regard for the health and safety of our employees, contractors, and neighboring communities,” Lamp wrote. “The items identified in this investigation carried penalties of approximately \$1,000 to \$2,000 for each item, plus a requirement to take corrective action for each noted deficiency. Navajo paid total fines of approximately \$15,000, corrected the majority of the items in the month the report was issued, with all items corrected within three months of the report.”

The facility is actually composed of two separate plants: one in Artesia and another 65 miles to the east, in Lovington. The two plants are considered a single refinery because they transfer petroleum products by pipeline and both plants contribute to the same refinery process, Tongate said.

The 2007 inspection identified nine violations, eight of them serious, ranging from damaged fire-proof coating on facility support beams and missing guard rails, to missing danger signs, missing electrical safety equipment and improperly maintained respiration equipment. Padlocks that ensure electrical equipment is turned off before repairs are attempted, were not properly installed, inspectors found in 2007. Two years later, during the November 2009 inspection, inspectors discovered lax lockout procedures, including the substitution of padlocks with plastic zip ties.

“That’s a situation where there’s a piece of machinery where they are required to de-energize ... in case somebody accidentally turns it on while somebody’s inside,” Tongate explained. Other serious safety violations at both plants involved inadequate fireproofing. Fireproofing was cracked at damaged on a column in the Artesia plant, inspectors found in 2007. Fireproofing was an even more serious issue at the Lovington plant.

“Fire proofing on several columns throughout the (Lovington) plant was damaged,” a June 2, 2008 Bureau violation letter states.

The safety violations identified in the 2007 inspection were corrected in summer 2008, within months of the company's receipt of Bureau citation letters, Lamp wrote in an e-mail. "Safety is our number one priority and we take all safety matters seriously," Lamp wrote. But in 2009, state inspectors found that employees had been exposed to hydrogen sulfide fumes at concentrations exceeding the federal occupational safety regulation limit of 50 parts per million. One worker was exposed to 662 parts per million — more than 13 times higher than federal safety regulations permit — without adequate personal protection equipment, inspectors found.

Even brief exposures involving inhalation of hydrogen sulfide at concentrations above 500 parts per million can kill and cause permanent brain damage, according to the U.S. Agency for Toxic Substances and Disease Registry (ATSDR).

The Navajo Refinery, in New Mexico's southeastern plains, is the larger of state's two active petroleum refineries. It processes between 80,000 and 100,000 barrels per day of crude oil, producing gasoline, diesel, jet fuel and butane, according to the Holly website. company earnings reports and the U.S. Energy Information Administration.

Another explosion at the Artesia plant, caused by a butane gas leak, injured 17 workers nearly 30 years ago, in May 1981.

Holly Corporation owns two other refineries, in Tulsa, Oklahoma and Woods Cross, Utah.

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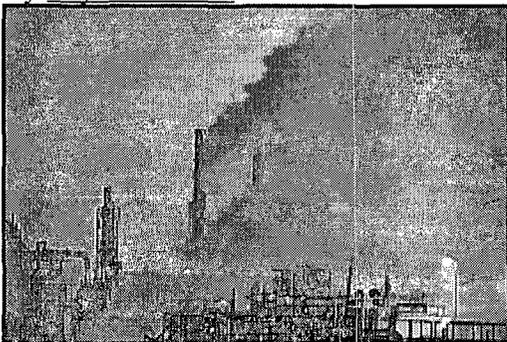
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By Bryant Furlow 7/14/10 10:28 AM



Navajo refinery. Photo by Glemby

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But in 2009, state inspectors found that employees had been exposed to hydrogen sulfide fumes at concentrations exceeding the federal occupational safety regulation limit of 50 parts per million. One worker was exposed to 662 parts per million — more than 13 times higher than federal safety regulations permit — without adequate personal protection equipment, inspectors found.

Even brief exposures involving inhalation of hydrogen sulfide at concentrations above 500 parts per million can kill and cause permanent brain damage, according to the U.S. Agency for Toxic Substances and Disease Registry (ATSDR).

The Navajo Refinery, in New Mexico’s southeastern plains, is the larger of state’s two active petroleum refineries. It processes between 80,000 and 100,000 barrels per day of crude oil, producing gasoline, diesel, jet fuel and butane, according to the Holly website, company earnings reports and the U.S. Energy Information Administration.

Another explosion at the Artesia plant, caused by a butane gas leak, injured 17 workers nearly 30 years ago, in May 1981.

Holly Corporation owns two other refineries, in Tulsa, Oklahoma and Woods Cross, Utah.

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Chavez, Carl J, EMNRD

From: Tongate, Butch, NMENV
Sent: Thursday, April 15, 2010 6:31 PM
To: Chavez, Carl J, EMNRD; Vail, Scott, NMENV; Davis, Jim, NMENV; Monzeglio, Hope, NMENV; Cobrain, Dave, NMENV; VonGonten, Glenn, EMNRD; Sanchez, Daniel J., EMNRD; Martin, Calvin, NMENV; Reuter, Stephen, NMENV; Bearzi, James, NMENV
Cc: Genoway, Robert, NMENV; Hernandez, Herman, NMENV
Subject: RE: OSHA MOU Meeting- Fires & Explosions Sharing of Information w/ OSHA and/or between Agencies Communication Meeting

At our meeting two weeks ago to discuss agency responsibilities and potential ways to assist each other, I was asked to send a communiqué regarding information that could be useful to NM OSHA.

NM OSHA's mission is to provide every employee under our jurisdiction a safe and healthful place of employment. Essentially, we take proactive and reactive measures to address workplace health and safety hazards. One method we employ is to investigate or inspect complaints and referrals we receive from employees, subcontractors, safety professionals, members of the general public, or other government agency employees. Referrals and complaints are very similar in that they basically allege the existence of a violation of safety and/or health standards in a specific workplace. The only difference is that a complaint can only be initiated by an existing employee of the establishment and it must be signed by the employee. In either case, the person making the allegation can choose to have his or her identity remain confidential.

The nature of hazards reported to NM OSHA varies widely based on the type of industry involved. Naturally, allegations of an "imminent danger" to employees will receive immediate attention, whereas hazards that are serious, but less of an immediate threat, may not be immediately inspected. All referrals are taken seriously, but since most people are unfamiliar with most OSHA standards, we sometimes get referrals for conditions that are not violations. If a particular condition of concern exists, but it does not present a hazard to employees at the establishment or worksite, we cannot cite the employer.

In the case of refineries and gas plants, we are obviously interested in any condition that could lead to a catastrophic fire or explosion. We are also interested in "near misses" or "close calls", since such incidents could be indicative of a procedural or mechanical problem. Some other conditions that are considered to be serious hazards that must be controlled by the employer are:

1. Fall protection – in general industry, workers working at heights more than 4 feet above the ground or a lower platform must be protected by guardrails or other types of fall protection.
2. Confined spaces – hazards include toxic atmospheres, falls, cave-ins, and moving parts that present "crushed by" hazards. Employees are not prohibited from entering confined spaces as long as they follow appropriate OSHA standards in doing so.
3. Excavations/trenches – Protective measures are required for work in most trenches and excavations, depending on depth and soil type.
4. Electrical hazards – Working near power lines or on or near equipment with electrical faults or without proper safeguards.
5. Lockout/Tagout – Working in or on equipment that could become energized or release stored energy that could injure a worker unless the apparatus is properly locked out.
6. Machine guarding issues – Machinery or tools that present crushing, "struck by", amputation, fire, explosion, or inhalation hazards must be fitted with protective guards.

These are just a few of hundreds of potential hazards that could be encountered in New Mexico workplaces. More detailed information on these and other types of potential hazards can be found by going to www.osha.gov. Type in a key word or phrase (e.g., "explosive atmosphere") and pertinent links will be

displayed. If staff members in your agency observe situations that appear to present a serious health or safety hazard, they should report it to the appropriate management representative at the facility. If it is not satisfactorily addressed, it should be reported to NM OSHA.

We receive referrals in person or via telephone, fax, or email. At a minimum, we need to know the physical address or specific location of the worksite where the hazard was observed and the nature of the hazard. Obviously, additional information is desirable if it is available, e.g., name, address, and phone number of the employer, how many employees were exposed to the hazard, etc. The attached worksheet shows the information that is recorded if it is available.

If you or any of your staff wish to submit a referral, it should be provided by one of the following methods:

1. By fax to: Bob Genoway, NM OSHA Compliance Manager, at 505-476-8734;
2. By phone to: 505-476-8700 – Tell whoever answers that you wish to make a referral to a compliance officer and your call will be forwarded to the appropriate person for handling;
3. By email to: robert.genoway@state.nm.us ; AND TO herman.hernandez@state.nm.us (in the event one or the other is out of the office).

If you have questions on this topic, please call Bob Genoway at 476-8718 or Herman Hernandez at 476-8711.

Thanks for your assistance.

Butch

Butch Tongate

Chief, Occupational Health and Safety Bureau

New Mexico Environment Department

Office: 505-476-8787 Fax: 505-476-8734

butch.tongate@state.nm.us



Referral
Worksheet.pdf

**STATE OF NEW MEXICO
 OCCUPATIONAL HEALTH & SAFETY BUREAU
 COMPLAINT/REFERRAL
 PHONE/FAX/E-MAIL WORKSHEET**

Person Receiving Complaint/Referral		Date Received		Time Received	
Employee		<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Ex Employee		<input type="radio"/> Other	
Confidential Complaint		<input type="radio"/> Yes <input type="radio"/> No			
Employer Information					
Establishment Name					
Establishment Address					
Site Address					
Phone #		Fax			
E-Mail Address					
Management Official					
How Many Employees in the Establishment?				How Many employees exposed?	
Union Shop		<input type="radio"/> Yes <input type="radio"/> No			
Local Union Name		Local #			
Union Rep Name		Phone #			
Employee/Person Making Complaint/Referral					
Name					
Address					
Phone #		E-Mail Address			
Job Title or Job Description:					
How long with Employer					
Nature of Complaint/Referral (Both Safety & Health)					
Employer Notified?		<input type="radio"/> Yes <input type="radio"/> No		Near Misses?	
				<input type="radio"/> Yes <input type="radio"/> No	
Is personal Protective Equipment Available?		<input type="radio"/> Yes <input type="radio"/> No			

Chavez, Carl J, EMNRD

Subject: OSHA MOU Meeting- Fires & Explosions Sharing of Information w/ OSHA and/or between Agencies Communication Meeting
Location: 1301 Siler Road Building B, Santa Fe NM, 87507
Start: Thu 4/1/2010 10:30 AM
End: Thu 4/1/2010 12:00 PM
Show Time As: Tentative
Recurrence: (none)
Meeting Status: Not yet responded
Organizer: Chavez, Carl J, EMNRD
Required Attendees: Tongate, Butch, NMENV; Vail, Scott, NMENV; Davis, Jim, NMENV; Monzeglio, Hope, NMENV; Cobrain, Dave, NMENV; VonGonten, Glenn, EMNRD; Chavez, Carl J, EMNRD; Sanchez, Daniel J., EMNRD

Ladies and Gentlemen:

Based on the recent explosion and loss of life at the Artesia Refinery, and "Who Does What?" when fires and explosions occur at facilities and especially where there are reoccurring situations regardless of injuries, OSHA would like to meet with State agencies to discuss a possible MOU for sharing these types of reports with OSHA.

Other possible stakeholders to invite could include: PRC, State Fire Marshal and State Police should be included?

Meeting Agenda:

- 1) Communication
- 2) Who Does What or has authority for what?
- 3) Possible MOU Development or "Secretary Order" to share certain types of re-occurring incidents information with OSHA.
- 4) What type of incidents?
- 5) Communication between OSHA and Agencies.
- 6) Miscellaneous

NMED- Air Quality Bureau

Scott Vail
Compliance Manager, Compliance Inspections
1301 Siler Road Building B
Santa Fe NM, 87507
Tel. 505-476-4357
e-mail: Scott.Vail@state.nm.us

NMED- Hazardous Waste Bureau

David Cobrain
Environmental Specialist
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Hazardous Waste Bureau
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REFINING COMPANY, LLC

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(505) 746-5481 TRUCKING
(505) 746-5458 PERSONNEL

501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159
TELEPHONE (505) 748-3311

FAX

(505) 746-5419 ACCOUNTING
(505) 746-5451 ENV/PURCH/MKTG
(505) 746-5421 ENGINEERING

May 19, 2008

Herman Hernandez
NM OSHA
525 Camino de los Marquez, Suite 3
PO Box 26110
Santa Fe, NM 87502

Mr. Hernandez:

During the NEP meeting on April 25, 2008 between NM OHSA officials and Navajo Refining Company representatives, several preliminary citations were discussed. As a result of this meeting, Navajo took measures to promptly correct most of the findings and the remaining items are currently in progress. A list of the preliminary citations and corrective actions made to date, have been included with this transmittal for your review.

If you have any questions, please feel free to contact me.

Thank you for your consideration in this matter.

Sincerely,

Jenifer Hilliard
Sr. PSM Engineer

Attachments

NRC personnel met with NEP OSHA officials on April 25, 2008, at 9:00 a.m. for a presentation of the preliminary NEP citations. The following preliminary citations were discussed:

Lovington:

1. Unit 86, Lovington Utilities – Cover plate missing on junction box
Item resolved. Cover plate was installed on junction box. See photo Lov-1 (1261).
2. Unit 86, Lovington Utilities – Missing plug on electrical conduit in alley way
Item resolved. Plug was replaced on electrical conduit 04/24/08. See photo Lov-2 (1199).
3. Column 37 – Light fixture hanging by wire in alley way
Item resolved. Light fixture was repaired 04/24/08. See photo Lov-3 (1198).
4. Missing globes (2) on light fixtures
Items resolved. Globes were replaced on light fixtures 04/25/08. See photos Lov-4.1, 4.2, 4.3 (1229, 1230, 1235).
5. No confined space labeling on vessel skirts
Items resolved. All vessel skirts have been labeled “Danger Confined Space Enter By Permit Only.” See photos Lov-5.1, 5.2, 5.3 (1232, 1233, 1234).
NOTE: Only these three vessels were pointed out during the inspection.
6. Various locations – Damaged fire proofing, missing, or repair required
Item resolved. An independent professional engineer completed a survey of foundations; no immediate mechanical integrity condition exists (report attached Lov-6.1). Plans have been made to complete the recommended repairs this summer (see attachment Lov-6.2).
7. H₂S Monitors – Employee did not know how to calibrate instrument
Item resolved. All refinery employees received refresher training on H₂S monitors 04/29/08. Copy of training sign-off sheet included. See attachment Lov-7.

Artesia:

1. Lab #2 Tester Room – Labeling missing on breaker panel box
Item resolved. The breaker panel box was labeled 04/25/08. See photos Art 1-1.1 and 1.2 (April 23 003, April 25 009).
2. Lab Chemist Room – Knockouts missing from electrical outlet boxes in (2) locations
Items resolved. Knockouts were replaced in two electrical outlet boxes on 04/25/08. See photos Art-2.1, 2.2, 2.3, 2.4 (April 23 004, April 25 007, April 23 005, April 25 008).
3. Lab – Inadequate number/size of respirators for employee usage
Item resolved. The respirator storage cabinet has been stocked with respirators in various sizes (small, medium, large). See photos Art-3.1, 3.2, 3.3., 3.4 (April 29 018, April 29 017, April 29 016, April 29 015).
4. Lab – Fire extinguisher visibility issue

MAY 19 2008 *jt*

- Item resolved. Fire extinguisher signs were placed on the wall above all fire extinguishers in the Lab on 04/29/08. See photos Art-4.1, 4.2, 4.3 (April 29 010, April 29 011, April 29 014).
5. Lab – Inadequate locations for disposal of sharps
Item resolved. Signs were posted above the two sharp container locations in the Lab on 04/29/08. See photos Art-5.1, 5.2 (April 29 013, April 29 012).
 6. South Division – Globe missing on perimeter lighting
Item resolved. Globe replaced on perimeter light (see photo Art-6 (May 12 003)).
 7. FCC Process Blower Platform – Section of top rail missing
Item resolved. The section of railing on the FCC process blower platform was replaced on 04/25/08. See photos Art-7.1, 7.2 (April 24 004, April 25 006).
 8. FCC Air Line – Flat cap not bolted to valve
Item resolved. The flat cap on the FCC air line was bolted onto the valve on 04/24/08. See photos Art-8.1, 8.2 (April 24 001, April 25 001)
 9. FCC P-959, Debutanizer Charge Pump, Discharge Valve LOTO – Defective lock and slack in chain, tag not filled out.
Item resolution in progress. See photos Art-9.1, 9.2, 9.3 (April 24 005, April 24 006, April 24 007). The pump was repaired and returned to service before photos could be taken of the LOTO correction. Maintenance Groups have inspected and tested all their locks (see attached sheets, Art-9.4). No other defective equipment was found. The Operations Department is in the process of conducting refresher training on the LOTO procedure for all employees (see attached sheets, Art-9.5).
 10. FCC SCBA #3 – SCBA not inspected for the month of February
Item resolved. One operator has now been assigned to perform monthly inspection of SCBAs. We feel like this is an isolated case since the other two SCBAs were inspected and annotated for February. SCBA inspections have been performed for April and May and annotated on the tag. See photo Art-10 (May 12 001).
 11. FCC SCBA #3 – Dust cover missing from SCBA mask
Item resolved. The dust cover was replaced on SCBA #3 at the FCC on 04/24/08. See photos Art-11.1, 11.2 (April 25 002, April 25 003).

Contractor (Interstate Treating):

- SRU Construction Site – Ground pin removed from extension cord
- SRU Construction Site Tool Shed – Missing cover plates on breaker box
- SRU Construction Site Tool Shed – Frayed cord on welding rod heater box
- SRU Construction Site – Rebar caps missing on (2) stakes

NOTE: Contractor citations will be issued separately.

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Lov-1	05/12/08 10:47 Photo of Cover Plate (Corrected)	1	1
Lov-2	04/24/08 16:42 Photo of Electrical Conduit Plug (Corrected)	1	1
Lov-3	04/24/08 16:42 Photo of Light Fixture (Corrected)	1	1
Lov-4.1	04/25/08 07:28 Photo of Missing Globe (Before)	1	1
Lov-4.2	04/25/08 08:12 Photo of Missing Globe (Corrected)	1	1
Lov-4.3	04/30/08 08:13 Photo of Missing Globe (Corrected)	1	1
Lov-5.1	04/30/08 08:09 Photo of Vessel Skirt Confined Space Entry (Corrected)	1	1
Lov-5.2	04/30/08 08:09 Photo of Vessel Skirt Confined Space Entry (Corrected)	1	1
Lov-5.3	04/30/08 08:09 Photo of Vessel Skirt Confined Space Entry (Corrected)	1	1
Lov-6.1	05/06/08 Saulsbury Engineering & Construction Letter - Foundation Weathering	2	1
Lov-6.2	05/06/08 JER Memo	1	1
Lov-7	04/29/08 Bump Test of Gas Pro H2S Monitors - Refresher Training Record	1	1
Art-1.1	04/23/08 Photo Missing Labeling on Breaker Panel Box (Before)	1	1
Art-1.2	04/25/08 Photo Missing Labeling on Breaker Panel Box (Corrected)	1	1
Art-2.1	04/23/08 Photo Electrical Outlet Box Missing Knockout (Before)	1	1
Art-2.2	04/25/08 Photo Electrical Outlet Box Missing Knockout (Corrected)	1	1
Art-2.3	04/23/08 Photo Electrical Outlet Box Missing Knockout (Before)	1	1
Art-2.4	04/25/08 Photo Electrical Outlet Box Missing Knockout (Corrected)	1	1
Art-3.1	04/29/08 Photo Respirator Storage Cabinet - Small (Corrected)	1	1
Art-3.2	04/29/08 Photo Respirator Storage Cabinet - Medium (Corrected)	1	1
Art-3.3	04/29/08 Photo Respirator Storage Cabinet - Large (Corrected)	1	1
Art-3.4	04/29/08 Photo Respirator Storage Cabinet (Corrected)	1	1
Art-4.1	04/29/08 Photo Fire Extinguisher Sign (Corrected)	1	1
Art-4.2	04/29/08 Photo Fire Extinguisher Sign (Corrected)	1	1
Art-4.3	04/29/08 Photo Fire Extinguisher Sign (Corrected)	1	1
Art-5.1	04/29/08 Photo Sharp Disposal Location (Corrected)	1	1
Art-5.2	04/29/08 Photo Sharp Disposal Location (Corrected)	1	1
Art-6	05/12/08 Photo Missing Globe on Perimeter Fencing Light (Corrected)	1	1
Art-7.1	04/24/08 Photo FCC Process Blower Missing Top Rail (Before)	1	1
Art-7.2	04/25/08 Photo FCC Process Blower Missing Top Rail (Corrected)	1	1

TRANSMITTED BY:

Jennifer Hilliard

Sr. PSM Engineer

05/20/08

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Art-2.3	04/23/08 Photo Electrical Outlet Box Missing Knockout (Before)	1	1
Art-2.4	04/25/08 Photo Electrical Outlet Box Missing Knockout (Corrected)	1	1
Art-3.1	04/29/08 Photo Respirator Storage Cabinet - Small (Corrected)	1	1
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Art-3.4	04/29/08 Photo Respirator Storage Cabinet (Corrected)	1	1
Art-4.1	04/29/08 Photo Fire Extinguisher Sign (Corrected)	1	1
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Art-7.2	04/25/08 Photo FCC Process Blower Missing Top Rail (Corrected)	1	1

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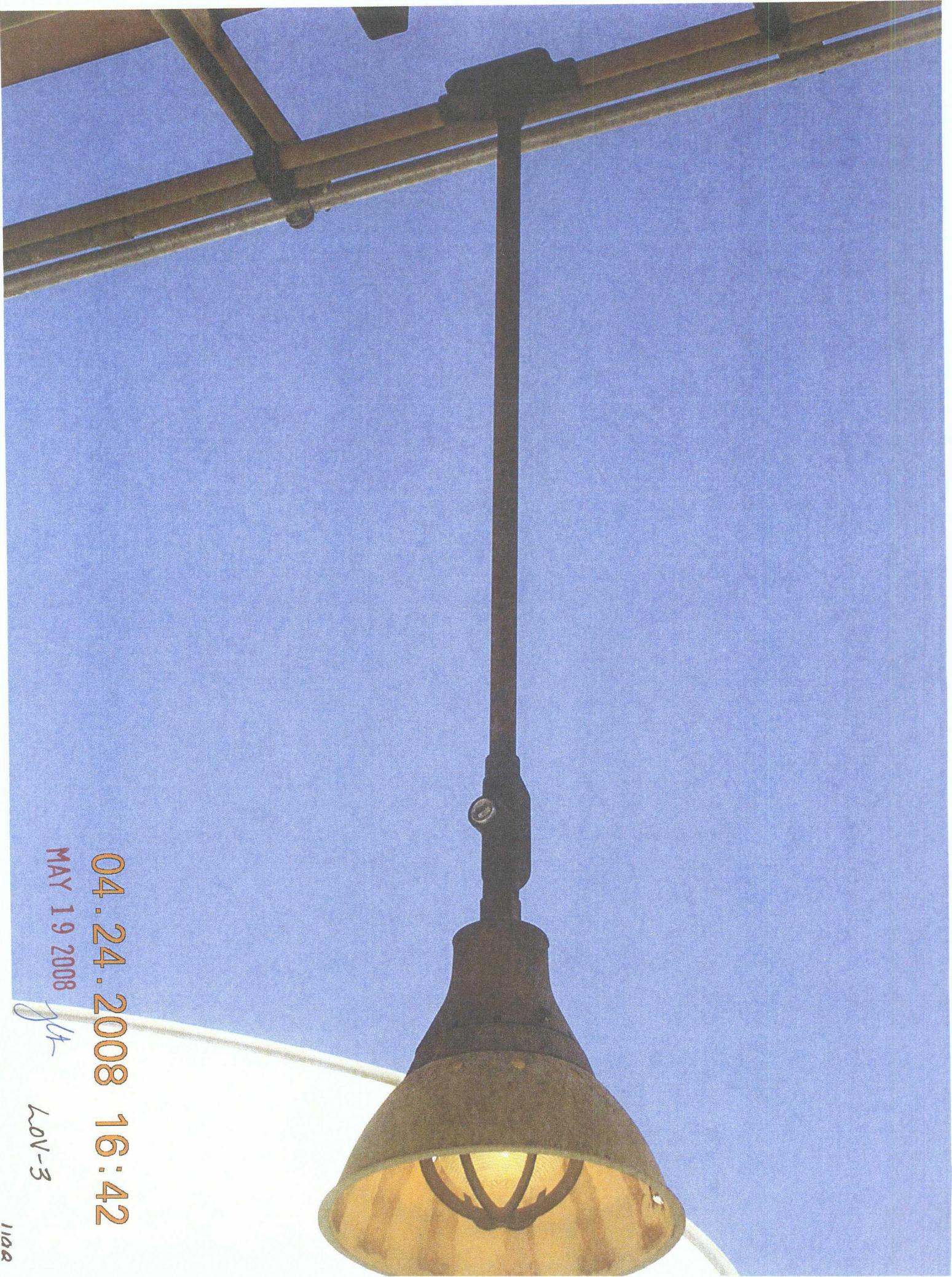
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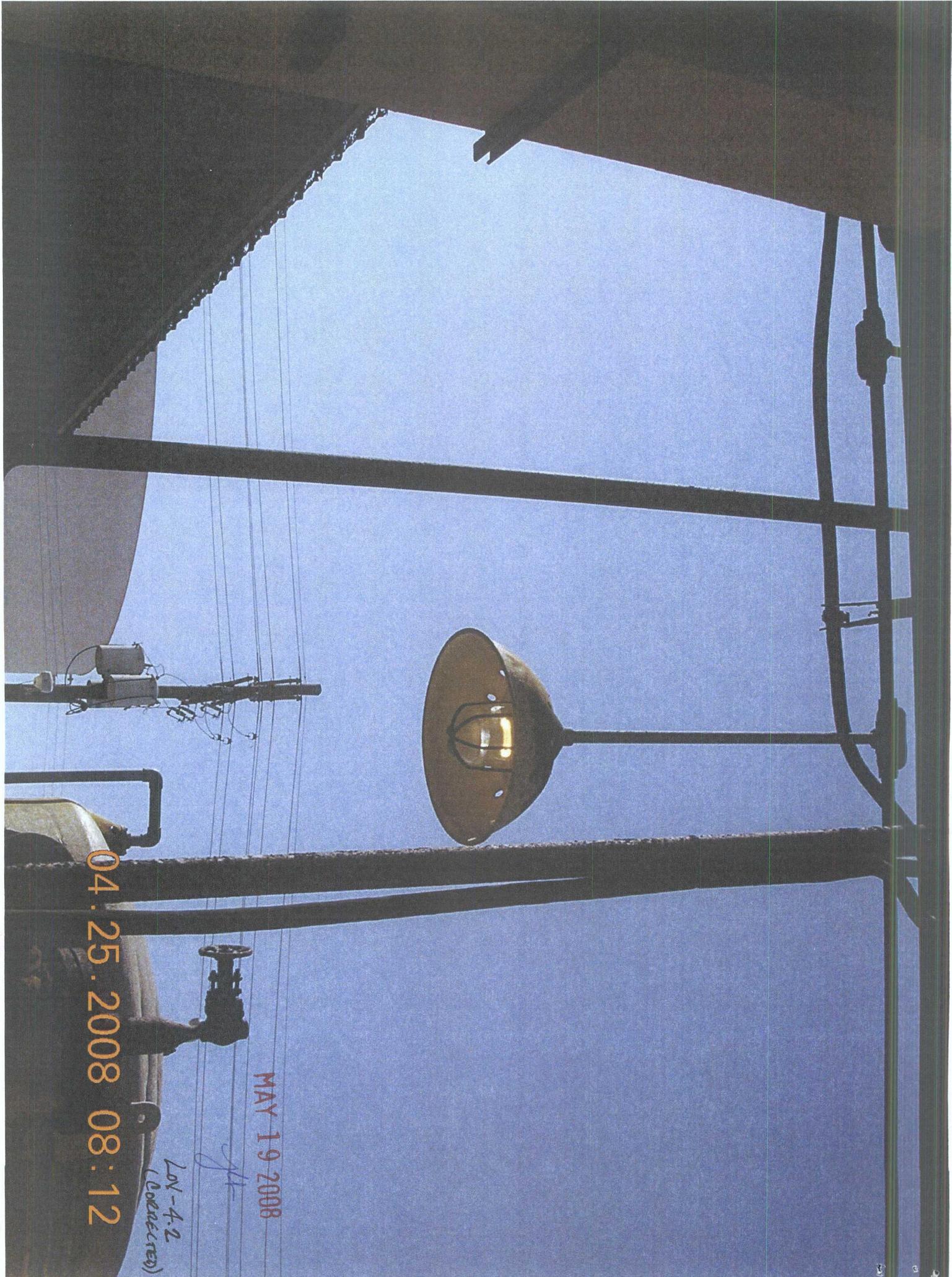
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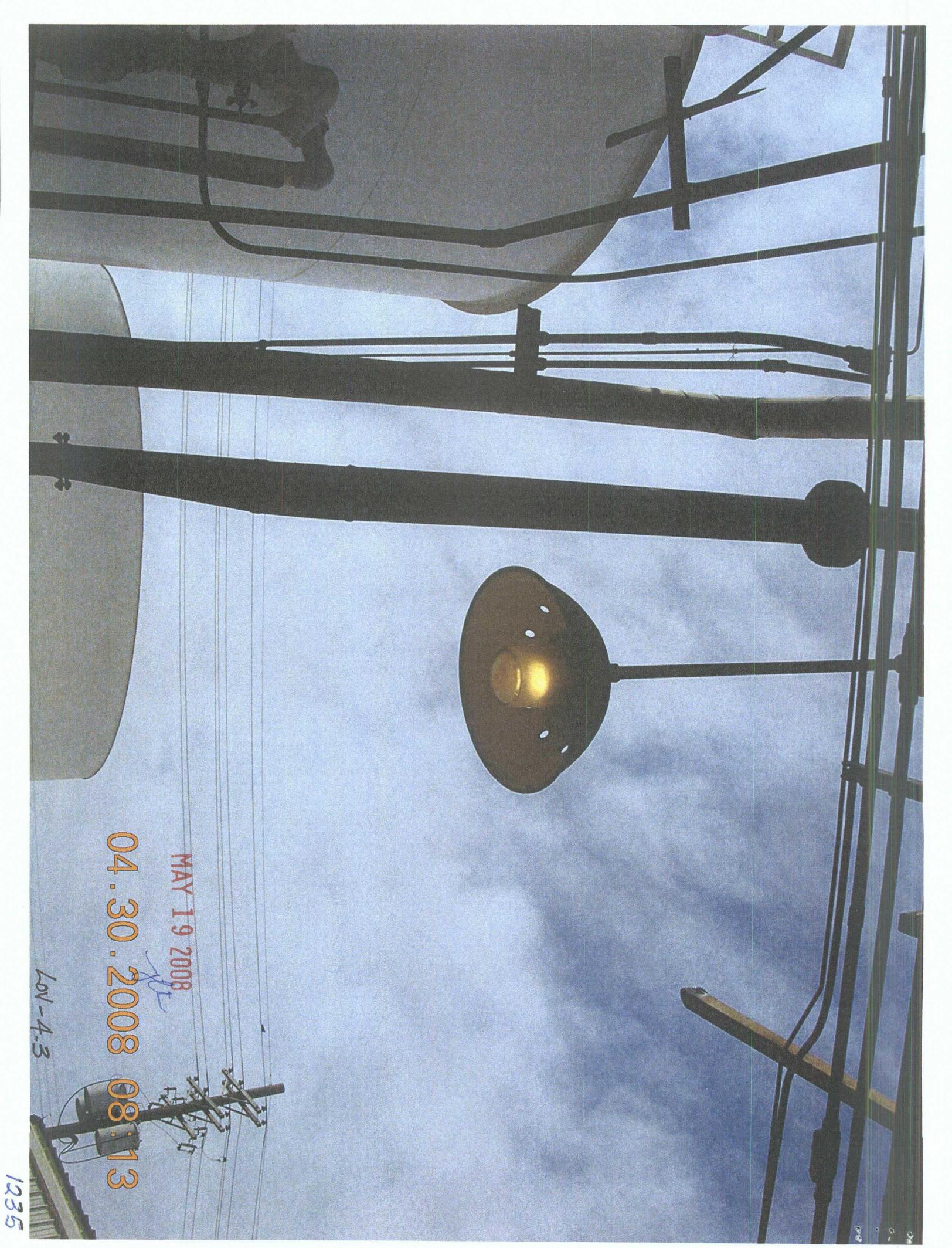
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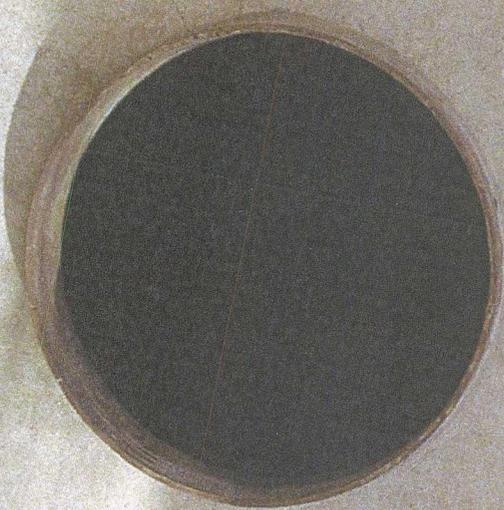
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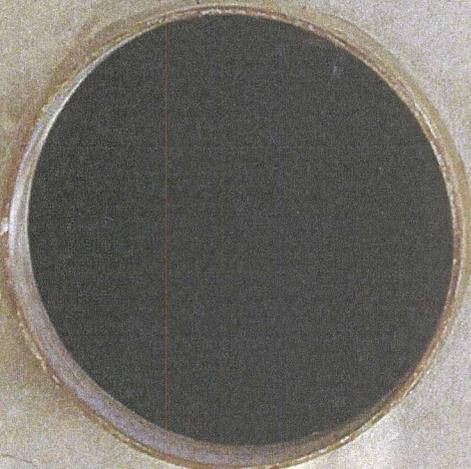
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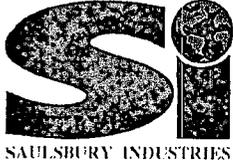
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May 6, 2008

Navajo Refining Company
501 E Main St.
Artesia, NM 88210

Attn: Bill Romine

Re: Foundation weathering under steel supports

Mr. Romine,

Saulsbury Engineering & Construction appreciates the opportunity to consult with NRC on this matter.

At the Lovington plant, the foundations inspected on April 30th have experienced deterioration due to weathering of the concrete.

After a complete inspection of the pipe support foundations a total of thirty-five (35) foundations were identified as requiring repairs to the grout and twenty-seven (27) foundations were identified as showing exposed rebar.

The grout repairs will ensure continued protection against anchor bolt and base plate exposure.

The exposed rebar is subject to rusting and will, over time lose its structural integrity.

Of all the foundations inspected, three foundations were identified that need repair in the near future. These foundations can continue to function under the normal and expected weathering over the next few months. However, if there were an unexpected energy release or abnormally high winds and excessive weathering, the three foundations would require constant monitoring until they were repaired.

Based on the inspection, no foundations are in immediate danger of failure but all would require repair in the coming months.

Attached is a drawing showing each pipe support foundation and recommendations for repair. Foundations noted with a "G" require grout repair only and foundations noted with an "R" will be repaired per the attached detail.

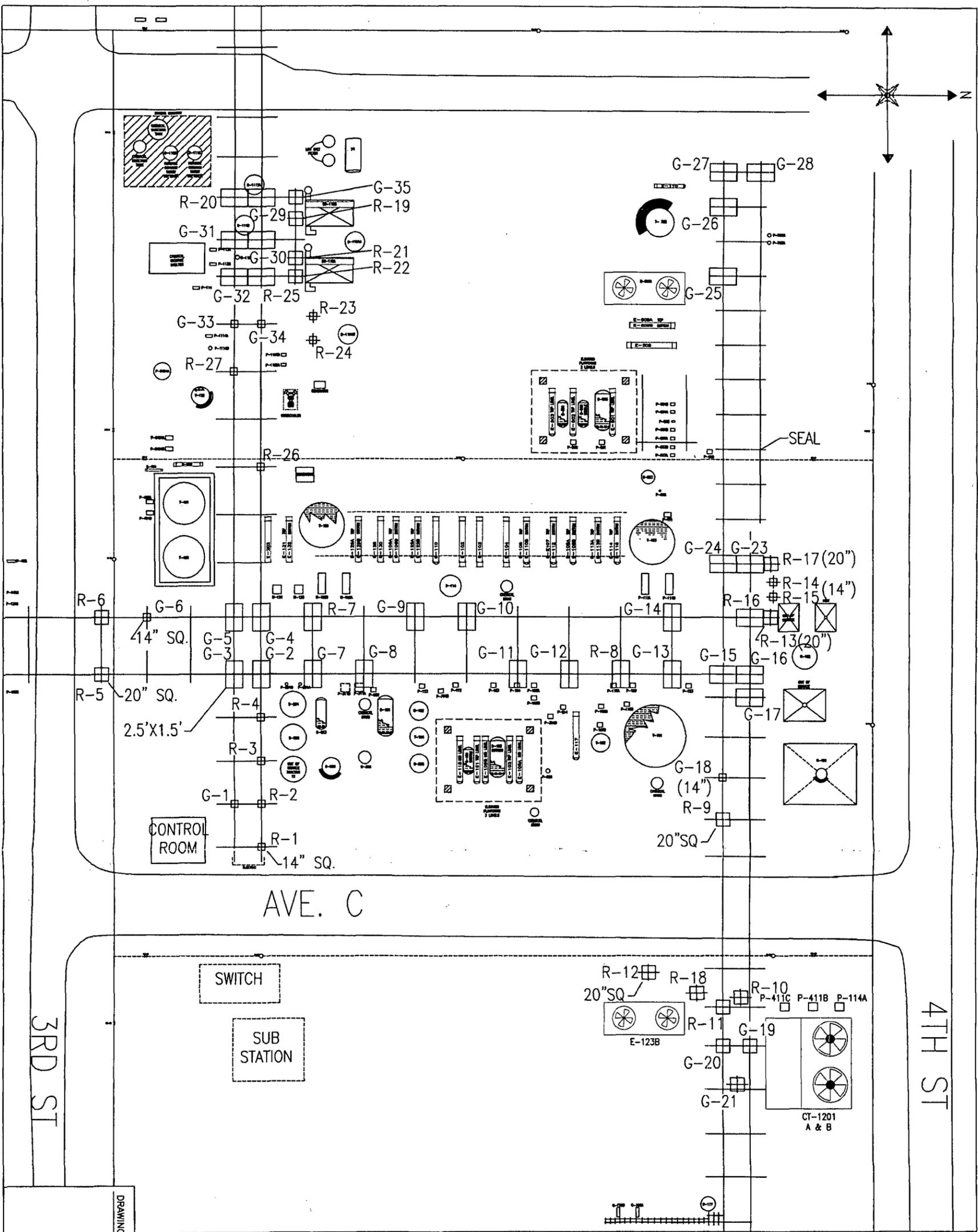
Please do not hesitate to call with any questions.

Regards,

David Campbell, P.E.



MAY 19 2008
LOV-6.1 *jl*



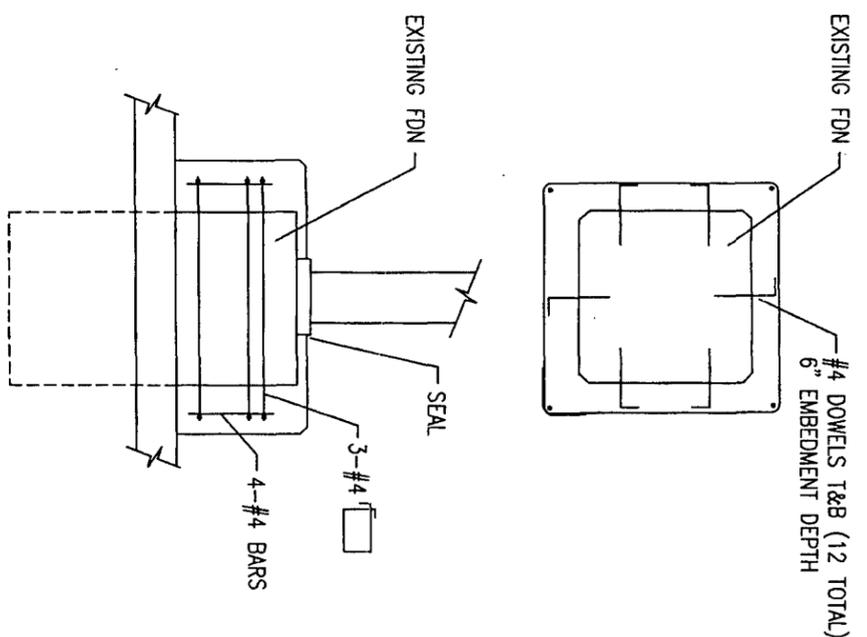
4TH ST

AVE. C

3RD ST

- NOTES:
- REBAR (TYPE "R")
1. REMOVE ALL LOOSE MATERIAL.
 2. ALL CONCRETE SURFACES TO BE BRUSHED AND BONDING AGENT TO BE APPLIED PRIOR TO PLACING CONCRETE.
 3. EPOXY GROUT SHALL BE USED FOR DOWEL BARS.
 4. R-1 THRU R-4 OVER EXCAVATE 8" BELOW GRADE.
- GROUT (TYPE "G")
1. REMOVE ALL LOOSE MATERIAL.
 2. NON-SHRINK GROUT SHALL BE PLACED WITH EMBEDDED WIRE MESH.

DETAIL REBAR TYPE "R"



DRAWING TITLE

PARTIAL PLOT PLAN
FOUNDATION REPAIR
LEA REFINING
LOVINGTON, NM

NAVAJO REFINING CO.
ENGINEERING DEPARTMENT
P.O. DRAWER 159
ARTESIA, NEW MEXICO

DRAWN BY DSJ	CHK'D BY	SCALE NONE
DATE 5/6/08	APPR BY	DRAWING NUMBER 81-Z-03-D-02
		REV. A

MAY 19 2008

LDV-6.1

May 6, 2008

Lovington Item #6

As a result of the NEP inspection observations of the pipe support foundations (identified as damaged fire proofing) at the Lovington Facility, we had an independent, professional engineer from Saulsbury Engineering and Construction of Odessa, TX inspect all pipe support foundations in the plant. His report detailing the conditions as inspected is attached. He found no immediate mechanical integrity issues, but has recommended various repairs be made to maintain mechanical integrity well into the future. Navajo has made a commitment to make these repairs and they are scheduled to be completed this summer.

MAY 19 2008
jk
LOV-6.2

SAFETY MEETING SIGN-IN ROSTER

DATE: 4-29-08

LOCATION: Levington

MEETING SUBJECT(S): Bump test of Gaspro monitors

ATTENDEE NAME PRINTED

ATTENDEE SIGNATURE

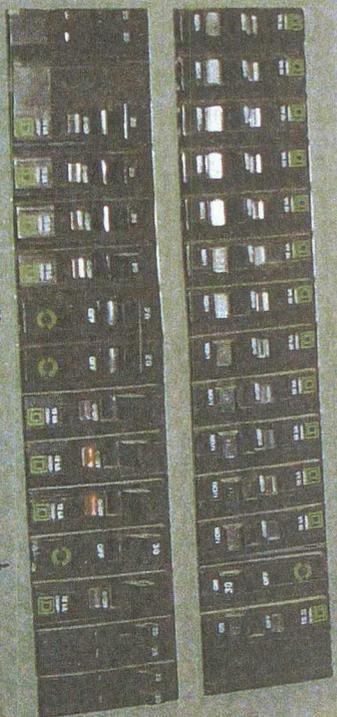
GARY JORDAN
Kevin Crockett
~~EFREN HERNANDEZ~~
Daniel M. Gonzales
Randall Lewis
ELOY I. HERNANDEZ
Wayne Flowers
Richard Barnes
Tommy Hynds
Sirk HERNANDEZ
Danton Bell
Paul Brown
Ken Snow
David Crockett
Steve Bush
Grady Bagdas
Wayne Kuhn
Mike Ford

1. Gary Jordan
2. Kevin Crockett
3. Efrén Hernández
4. Daniel M. Gonzales
5. Randall Lewis
6. Eloy I. Hernández
7. Wayne Flowers
8. Richard Barnes
9. Tommy Hynds
10. Sirk Hernández
11. Danton Bell
12. Paul Brown
13. Ken Snow
14. David Crockett
15. Steve Bush
16. Grady Bagdas
17. Wayne Kuhn
18. Mike Ford

MAY 19 2008 *JK*

20.18

P4



⚠ DANGER / PELIGRO

⚠ WARNING / ADVERTENCIA

DO NOT OPEN COVER UNLESS YOU ARE A QUALIFIED PERSONNEL

NO ABRIRE LA CUBIERTA A MENOS QUE SEAS PERSONAL CUALIFICADO

NOM

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Record in the space provided on each page of this log.

Registrar en el espacio que se proporciona en cada página de este registro.

DATE TIME OPERATOR

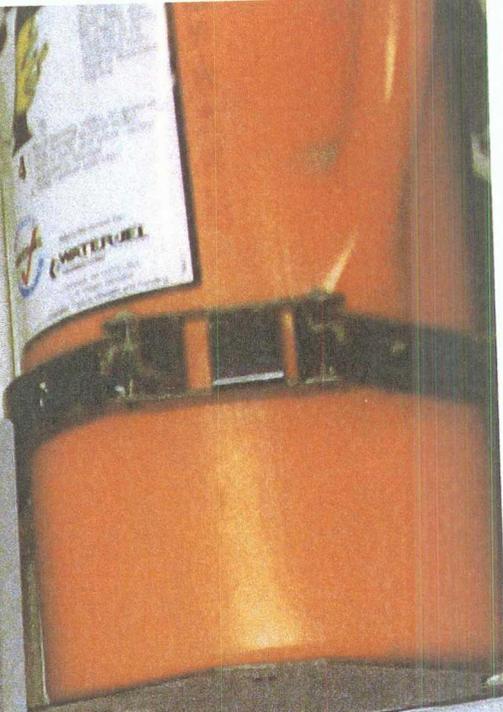
FECHA HORA OPERARIO

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

90981



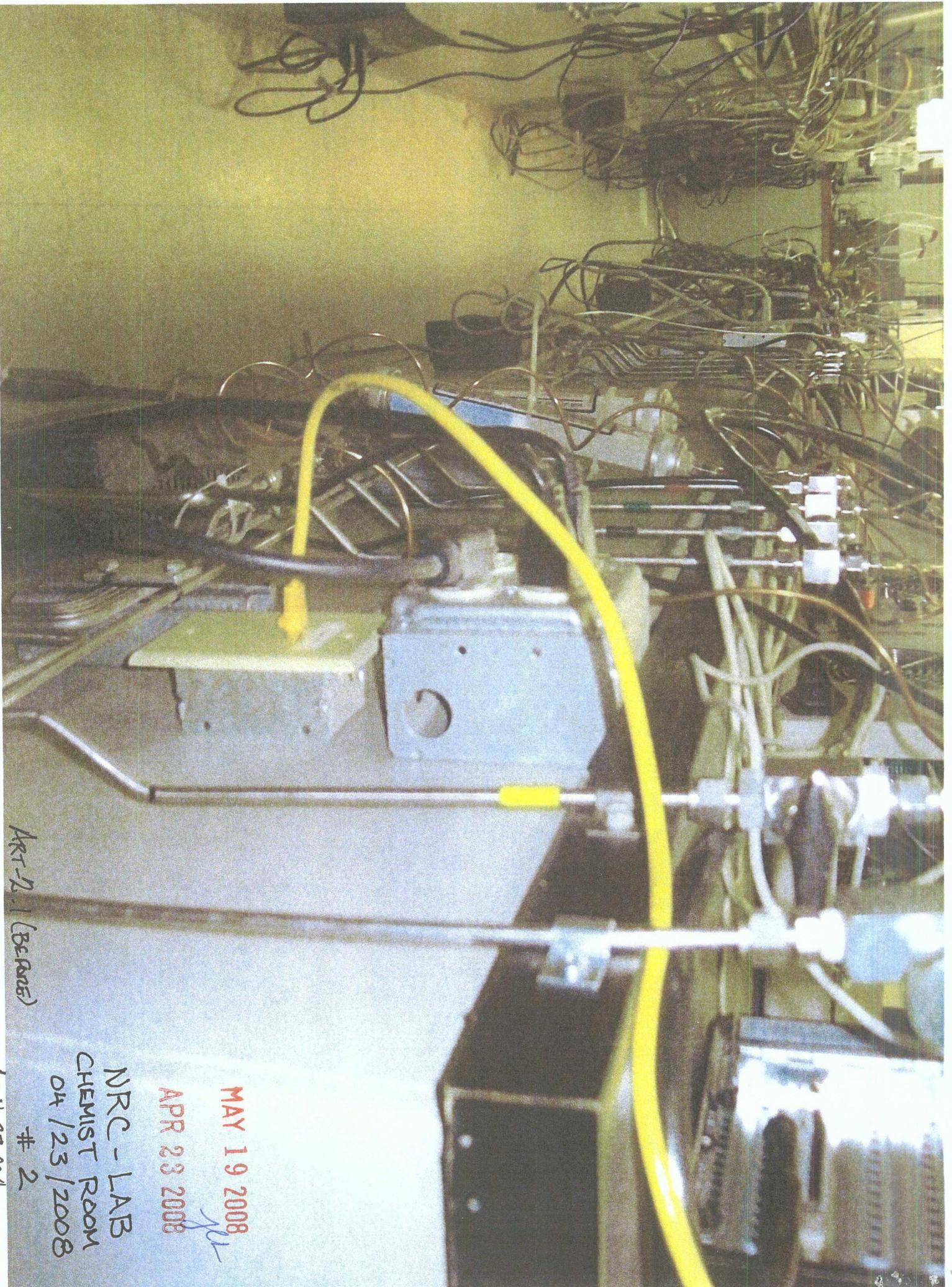
MAY 19 2008 *gll*

APR 23 2008

NRC - LAB
04/23/2008

ART-1.1 (BEFORE) # 1

April 23 00



APR-2.1 (Be Rose)

MAY 19 2008

APR 23 2008

Handwritten initials

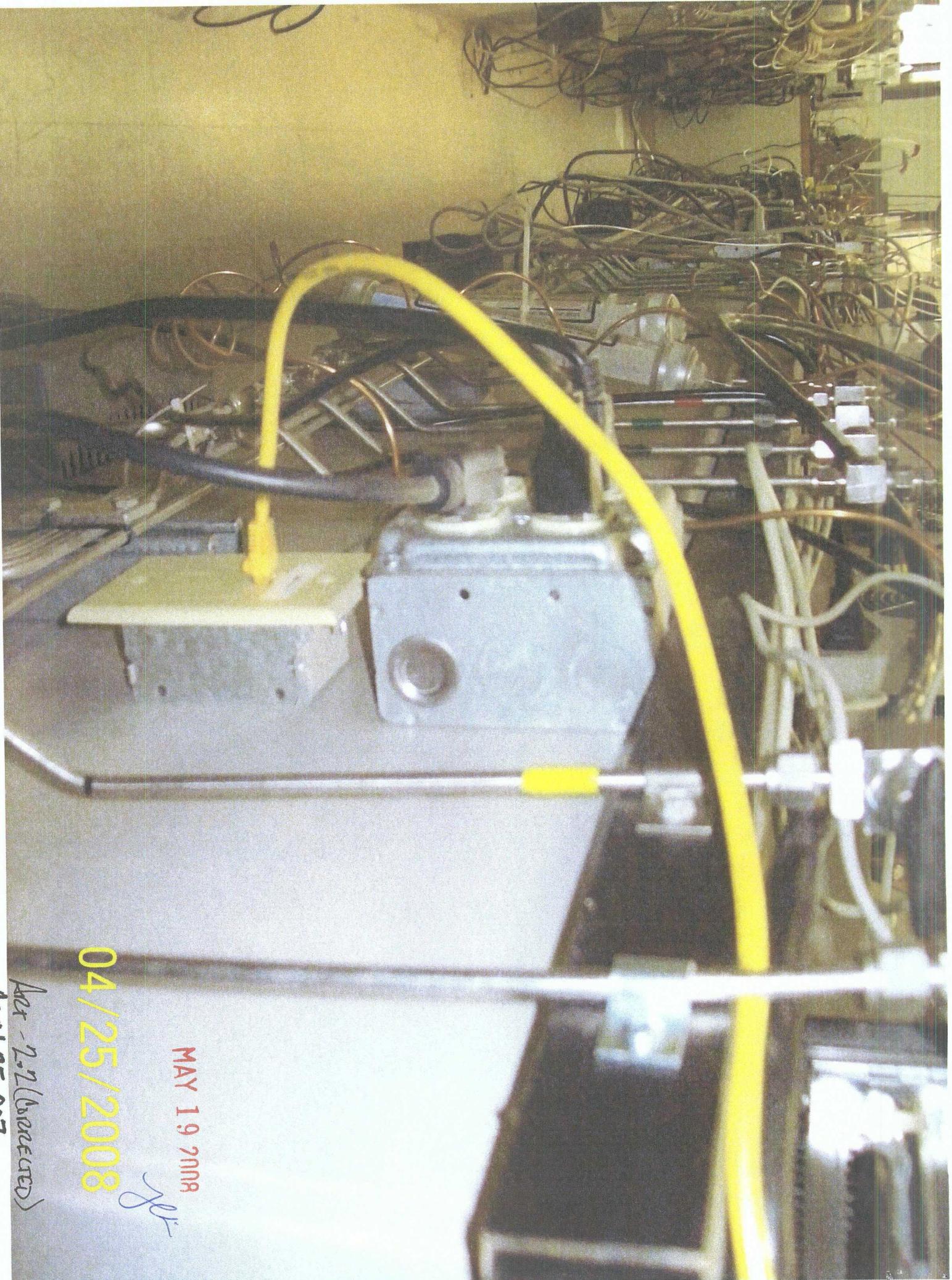
NRC - LAB

CHEMIST ROOM

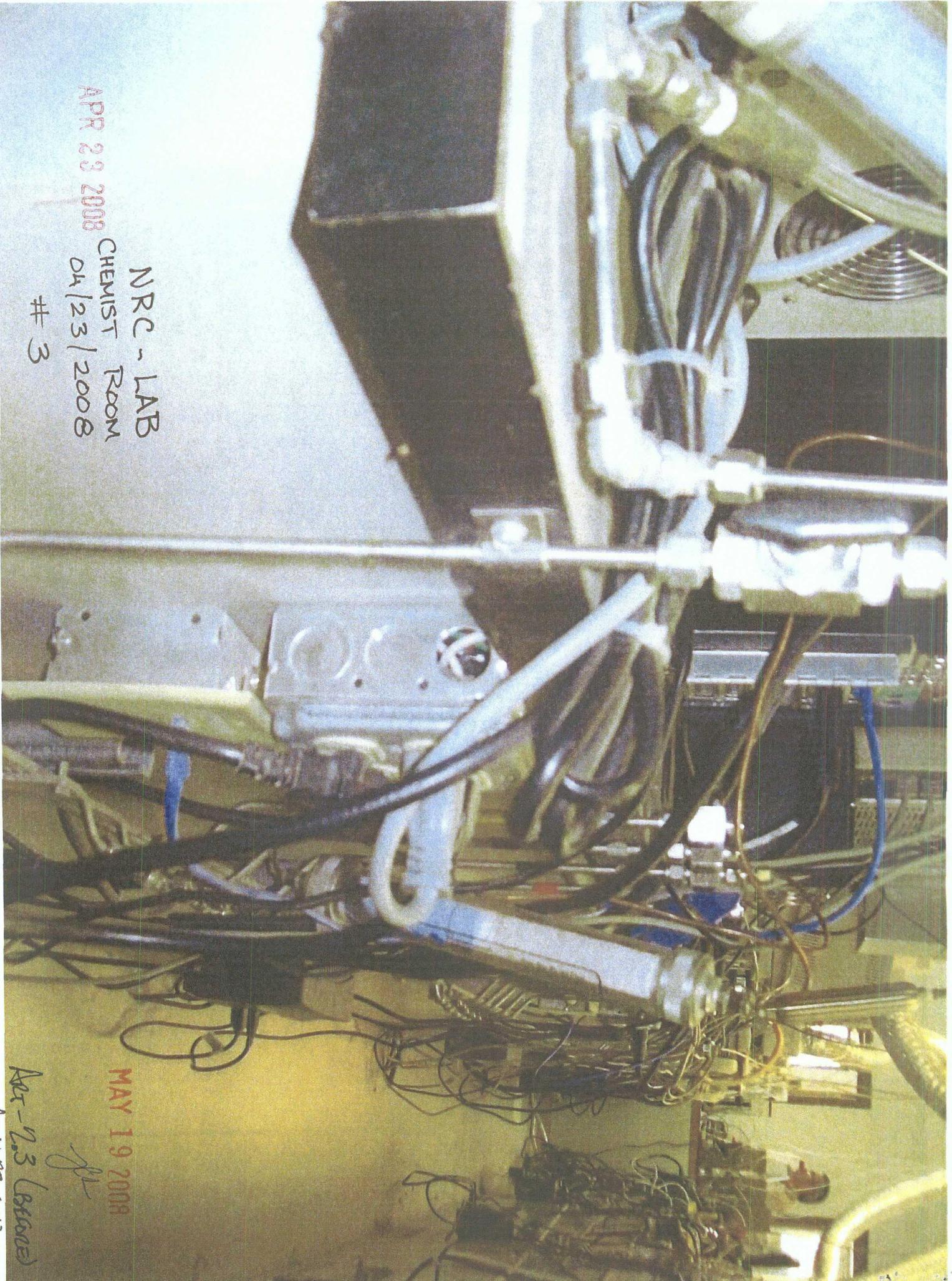
04 / 23 / 2008

2

April 23 004



MAY 19 2008
for
 04/25/2008
 Arr - 2.2 (bracketed)
 April 25 007



APR 23 2008

NRC - LAB

CHEMIST ROOM

04/23/2008

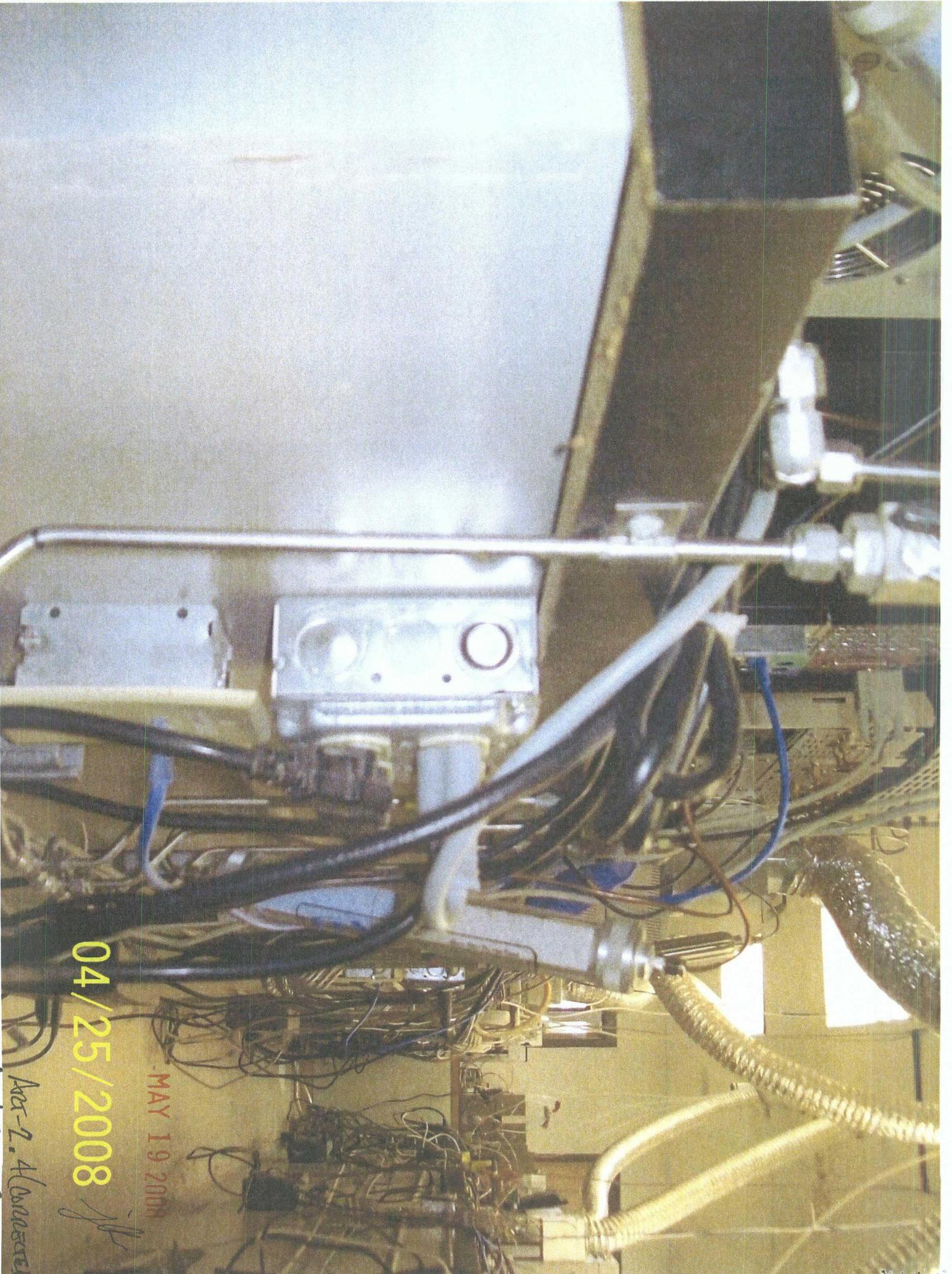
3

MAY 19 2008

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Apr-23 (Briscoe)

April 23 005



MAY 19 2008

04/25/2008

Apr-2.4 Connected
April 25 008



SM RESPIRATORS

MAY 19 2008

04/29/2008

jr

AKT-3.1

Apr 1 29 018

MEDIUM RESPIRATORS



04/29/2008

Apr - 3.2

April 29 017

MAY 19 2008

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↑ MEDIUM RESPIRATORS ↓

LARGE RESPIRATOR

04/29/2008

MAY 19 2008

April 29 016

AG-3-3

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ORGANIC RESPIRATORS
LARGE
MEDIUM
SMALL

ORGANIC RESPIRATORS
LARGE
MEDIUM
SMALL

RESPIRATORS

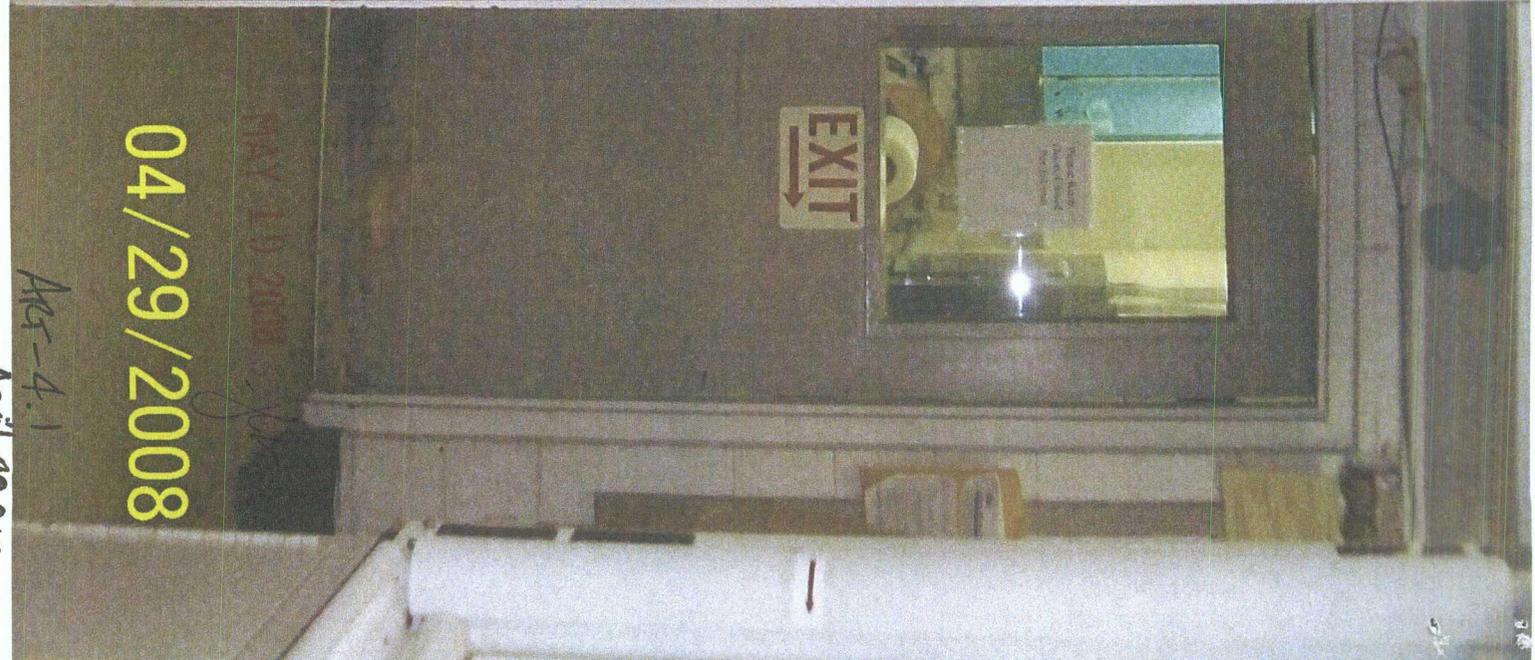
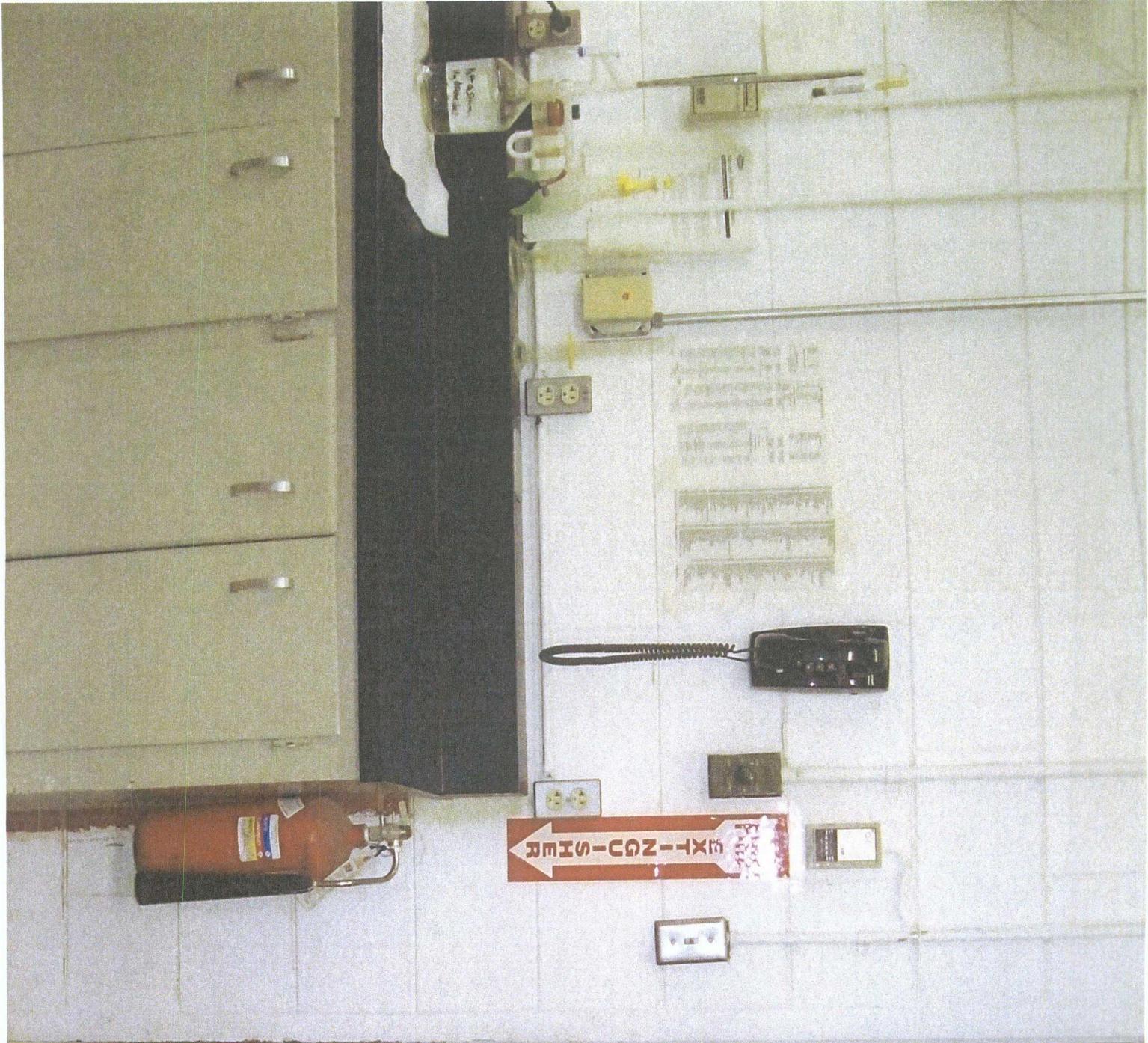
MAY 19 2008

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04/29/2008

AR5-3.4

RE
EXT-NGU-SHER



04/29/2008

ACS-4.1

April 29 010

04/29/2008

42

MAY 19 2008

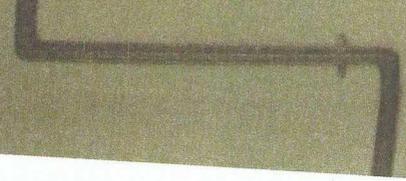
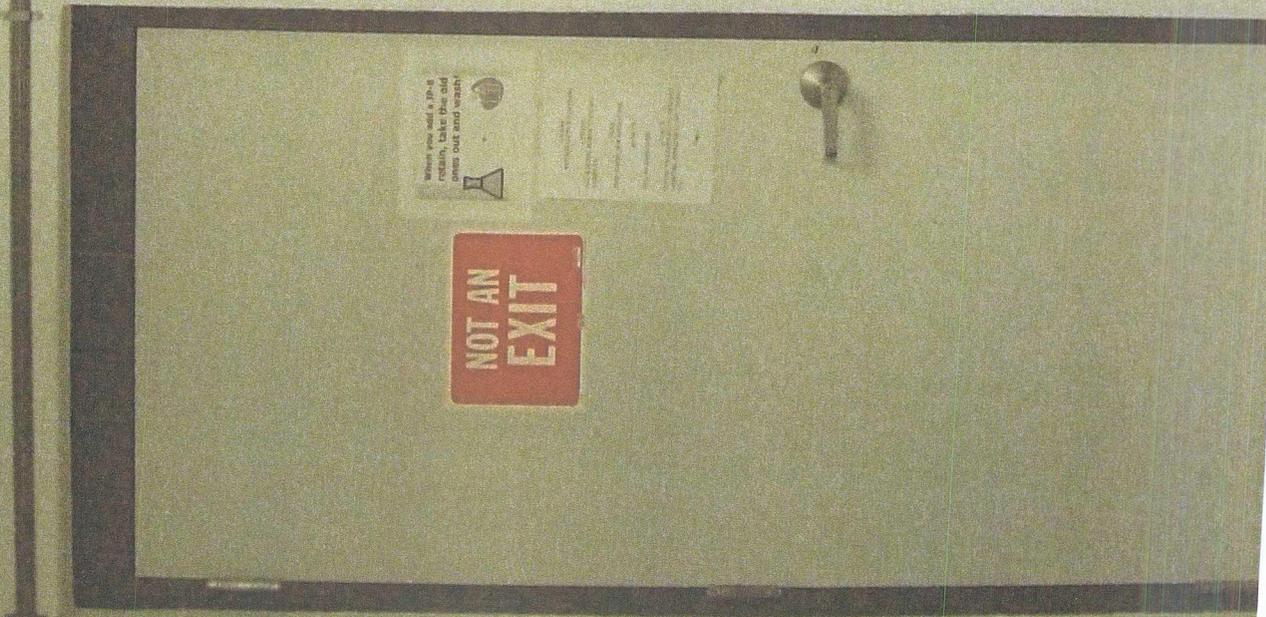
[Handwritten signature]

FIRE EXTINGUISHER



NOT AN EXIT

When you add a fix it
return, take the old
pins out and wash!





[Handwritten signature]

MAY 19 2008

04/29/2008

ART-4.3

April 29 2014

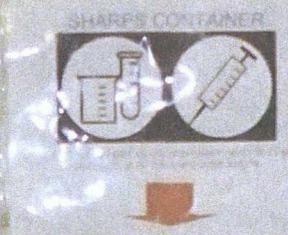
and Kun 419TK
ings, Monday,
day and Friday,
Air, Conductivity,
nd Lubricity

Call Bill
Guard track

1248 is N/A
1194 is B/A
1194 is D/L

ore qny
is not
Chemist

[Faded printed text, possibly a safety notice]



GET TO
OVINGTON, FL, via
Boxes.

NEOHXANE
964-1008

Pipeline #505-748-8950

04/29/2008



AG-5.1
April 29, 2008

EMERGENCY
EYEWASH



04/29/2008



HELPS!
E
Y
E
E
GO



Apr 5-2
April 29 012



05/12/2008

MAY 19 2008

plc

AKI-6 MAY 12 005

AKI-7.1 (BEFORE) April 24 004

04/24/2008

MAY 19 2008
per



MAY 19 2008

jk

10-DJB-01C

04/25/2008

ART-1.2 (CORRECTED) April 15 2006



MAY 19 2008

Handwritten signature

LIFT
AIR

FV 502

04/24/2008

ARI-8.1 April 24 061



MAY 19 2008

JL

04/24/2008

APR-8.2 April 25 001



MAY 19 2008

Handwritten signature

LIFT AIR
FV 502

04/24/2008

AKT-8.1 April 24 001



MAY 19 2008

for

04/24/2008

AKS-B-2 April 25 001

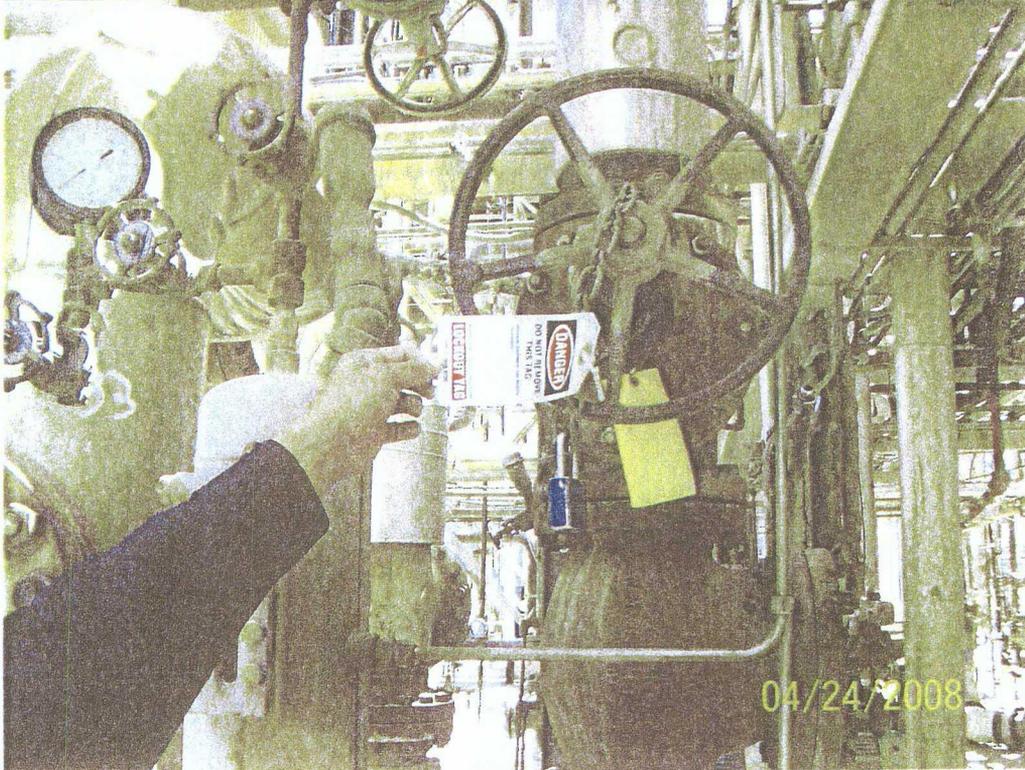
LOTO ON P-959 DISCHARGE VALVE



ARCT-9.1
April 24 005

MAY 19 2008

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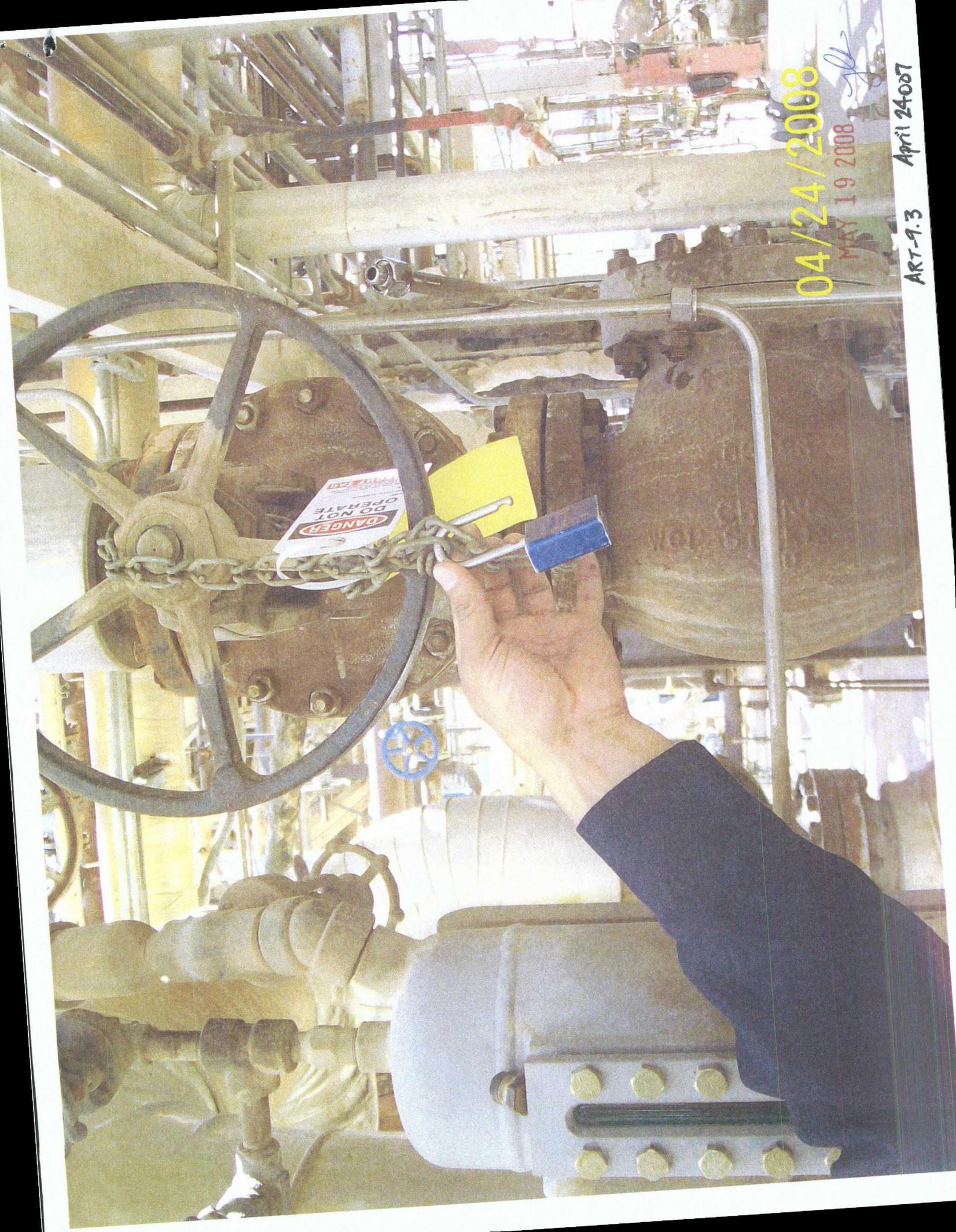
ARCT-9.2
April 24 006

MAY 19 2008

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FCC-6

LOTO ON P-959 DISCHARGE VALVE



DANGER
DO NOT
OPERATE

04/24/2008

MAY 19 2008

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ART-9.3

April 24 2007



LO/TO Lock Inspection and Testing

Department Maintenance

<i>Craftline</i>	<i>Lock Color</i>	<i>Lock Number</i>	<i>Date Inspected/Tested</i>	<i>Inspected/Tested By</i>	<i>Remarks</i>
Champion Labor	BLACK	L001	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L002	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L003	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L004	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L005	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L006	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L007	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L008	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L009	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L010	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L011	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L012	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L013	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L014	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L015	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L016	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L017	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L018	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L019	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L020	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L021	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L022	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L023	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L024	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L025	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L026	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L027	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L028	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L029	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L030	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L031	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L032	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L033	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L034	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L035	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L036	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L037	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L038	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L039	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L040	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L041	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L042	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L043	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L044	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L045	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L046	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L047	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L048	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L049	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L050	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L051	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L052	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L053	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L054	04/30/08	Jacob Aguilar	PASSED

MAY 19 2008 *JW* ART-9.4



LO/TO Lock Inspection and Testing
 Department Maintenance

<i>Craftline</i>	<i>Lock Color</i>	<i>Lock Number</i>	<i>Date Inspected/Tested</i>	<i>Inspected/Tested By</i>	<i>Remarks</i>
Champion Labor	BLACK	L055	04/30/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L056	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L057	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L058	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L059	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L060	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L061	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L062	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L063	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L064	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L065	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L066	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L067	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L068	05/1/08	Jacob Aguilar	PASSED
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Champion Labor	BLACK	L070	05/1/08	Jacob Aguilar	PASSED
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Champion Labor	BLACK	L072	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L073	05/1/08	Jacob Aguilar	PASSED
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Champion Labor	BLACK	L077	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L078	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L079	05/1/08	Jacob Aguilar	PASSED
Champion Labor	BLACK	L080	05/1/08	Jacob Aguilar	PASSED

MAY 19 2008

zll



LOTO Lock Inspection and Testing
 Department Maintenance

Craftline	Lock Color	Lock Number	Date Inspected/Tested	Inspected/Tested By	Remarks
Electrician	Gold	E100	5/1/2008	JOT	Passed
Electrician	Gold	E101	5/1/2008	JOT	Passed
Electrician	Gold	E102	5/1/2008	JOT	Passed
Electrician	Gold	E103	5/1/2008	JOT	Passed
Electrician	Gold	E104	5/1/2008	JOT	Passed
Electrician	Gold	E105	5/1/2008	JOT	Passed
Electrician	Gold	E106	5/1/2008	JOT	Passed
Electrician	Gold	E107	5/1/2008	JOT	Passed
Electrician	Gold	E108	5/1/2008	JOT	Passed
Electrician	Gold	E109	5/1/2008	JOT	Passed
Electrician	Gold	E110	5/1/2008	JOT	Passed
Electrician	Gold	E111	5/1/2008	JOT	Passed
Electrician	Gold	E112	5/1/2008	JOT	Passed
Electrician	Gold	E113	5/1/2008	JOT	Passed
Electrician	Gold	E114	5/1/2008	JOT	Passed
Electrician	Gold	E115	5/1/2008	JOT	Passed
Electrician	Gold	E116	5/1/2008	JOT	Passed
Electrician	Gold	E117	5/1/2008	JOT	Passed
Electrician	Gold	E118	5/1/2008	JOT	Passed
Electrician	Gold	E119	5/1/2008	JOT	Passed
Electrician	Gold	E120	5/1/2008	JOT	Passed
Electrician	Gold	E121	5/1/2008	JOT	Passed
Electrician	Gold	E122	5/1/2008	JOT	Passed
Electrician	Gold	E123	5/1/2008	JOT	Passed
Electrician	Gold	E124	5/1/2008	JOT	Passed
Electrician	Gold	E125	5/1/2008	JOT	Passed
Electrician	Gold	E126	5/1/2008	JOT	Passed
Electrician	Gold	E127	5/1/2008	JOT	Passed
Electrician	Gold	E128	5/1/2008	JOT	Passed
Electrician	Gold	E129	5/1/2008	JOT	Passed
Electrician	Gold	E130	5/1/2008	JOT	Passed
Electrician	Gold	E131	5/1/2008	JOT	Passed
Electrician	Gold	E132	5/1/2008	JOT	Passed
Electrician	Gold	E133	5/1/2008	JOT	Passed
Electrician	Gold	E134	5/1/2008	JOT	Passed
Electrician	Gold	E135	5/1/2008	JOT	Passed
Electrician	Gold	E136	5/1/2008	JOT	Passed
Electrician	Gold	E137	5/1/2008	JOT	Passed
Electrician	Gold	E138	5/1/2008	JOT	Passed
Electrician	Gold	E139	5/1/2008	JOT	Passed
Electrician	Gold	E140	5/1/2008	JOT	Passed
Electrician	Gold	E141	5/1/2008	JOT	Passed
Electrician	Gold	E142	5/1/2008	JOT	Passed
Electrician	Gold	E143	5/1/2008	JOT	Passed
Electrician	Gold	E144	5/1/2008	JOT	Passed
Electrician	Gold	E145	5/1/2008	JOT	Passed
Electrician	Gold	E146	5/1/2008	JOT	Passed
Electrician	Gold	E147	5/1/2008	JOT	Passed
Electrician	Gold	E148	5/1/2008	JOT	Passed
Electrician	Gold	E149	5/1/2008	JOT	Passed
Electrician	Gold	E150	5/1/2008	JOT	Passed
Electrician	Gold	E151	5/1/2008	JOT	Passed
Electrician	Gold	E152	5/1/2008	JOT	Passed
Electrician	Gold	E153	5/1/2008	JOT	Passed
Electrician	Gold	E154	5/1/2008	JOT	Passed
Electrician	Gold	E155	5/1/2008	JOT	Passed
Electrician	Gold	E156	5/1/2008	JOT	Passed

MAY 19 2008
Jli



LOTO Lock Inspection and Testing
Department Maintenance

Craftline	Lock Color	Lock Number	Date Inspected/Tested	Inspected/Tested By	Remarks
Electrician	Gold	E157	5/1/2008	JOT	Passed
Electrician	Gold	E158	5/1/2008	JOT	Passed
Electrician	Gold	E159	5/1/2008	JOT	Passed
Electrician	Gold	E160	5/1/2008	JOT	Passed
Electrician	Gold	E161	5/1/2008	JOT	Passed
Electrician	Gold	E162	5/1/2008	JOT	Passed
Electrician	Gold	E163	5/1/2008	JOT	Passed
Electrician	Gold	E164	5/1/2008	JOT	Passed
Electrician	Gold	E165	5/1/2008	JOT	Passed
Electrician	Gold	E166	5/1/2008	JOT	Passed
Electrician	Gold	E167	5/1/2008	JOT	Passed
Electrician	Gold	E168	5/1/2008	JOT	Passed
Electrician	Gold	E169	5/1/2008	JOT	Passed
Electrician	Gold	E170	5/1/2008	JOT	Passed
Electrician	Gold	E171	5/1/2008	JOT	Passed
Electrician	Gold	E172	5/1/2008	JOT	Passed
Electrician	Gold	E173	5/1/2008	JOT	Passed
Electrician	Gold	E174	5/1/2008	JOT	Passed
Electrician	Gold	E175	5/1/2008	JOT	Passed

Note: Stencil numbers on locks

MAY 19 2008
JOT



LO/TO Lock Inspection and Testing
 Department **MAINTENANCE**

Craftline	Lock Color	Lock Number	Date Inspected/Tested	Inspected/Tested By	Remarks
IMN	GOLD	I-0001	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0002	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0003	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0004	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0005	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0006	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0007	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0008	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0009	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0010	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0011	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0012	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0013	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0014	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0015	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0016	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0017	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0018	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0019	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0020	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0021	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0022	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0023	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0024	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0025	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0026	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0027	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0028	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0029	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0030	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0031	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0032	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0033	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0034	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0035	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0036	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0037	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0038	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0039	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0040	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0041	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	I-0042	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0043	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0044	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0045	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0046	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0047	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0048	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0049	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0050	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0051	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0052	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0053	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0054	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0055	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0056	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0057	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0058	5/5/2008	Ruben Sanchez	PASSED

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LO/TO Lock Inspection and Testing
Department MAINTENANCE

<i>Craftline</i>	<i>Lock Color</i>	<i>Lock Number</i>	<i>Date Inspected/Tested</i>	<i>Inspected/Tested By</i>	<i>Remarks</i>
IMN	GOLD	1-0059	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0060	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0061	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0062	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0063	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0064	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0065	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0066	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0067	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0068	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0069	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0070	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0071	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0072	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0073	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0074	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0075	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0076	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0077	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0078	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0079	5/5/2008	Ruben Sanchez	PASSED
IMN	GOLD	1-0080	5/5/2008	Ruben Sanchez	PASSED

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LO/TO Lock Inspection and Testing
 Department **MAINTENANCE**

Craftline	Lock Color	Lock Number	Date Inspected/Tested	Inspected/Tested By	Remarks
MECHANICS	BLUE	M001	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M002	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M003	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M004	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M005	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M006	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M007	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M008	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M009	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M010	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M011	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M012	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M013	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M014	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M015	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M016	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M017	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M018	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M019	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M020	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M021	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M022	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M023	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M024	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M025	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M026	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M027	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M028	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M029	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M030	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M031	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M032	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M033	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M034	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M035	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M036	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M037	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M038	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M039	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M040	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M041	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M042	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M043	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M044	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M045	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M046	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M047	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M048	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M049	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M050	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M051	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M052	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M053	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M054	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M055	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M056	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M057	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M058	APRIL 30, 2008	NFS	PASSED

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LO/TO Lock Inspection and Testing

Department MAINTENANCE

<i>Craftline</i>	<i>Lock Color</i>	<i>Lock Number</i>	<i>Date Inspected/Tested</i>	<i>Inspected/Tested By</i>	<i>Remarks</i>
MECHANICS	BLUE	M059	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M060	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M061	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M062	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M063	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M064	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M065	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M066	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M067	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M068	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M069	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M070	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M071	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M072	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M073	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M074	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M075	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M076	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M077	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M078	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M079	APRIL 30, 2008	NFS	PASSED
MECHANICS	BLUE	M080	APRIL 30, 2008	NFS	PASSED

Note: Stencil numbers on locks

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LO/TO Lock Inspection and Testing
Department Maintenance

Craftline	Lock Color	Lock Number	Date Inspected/Tested	Inspected/Tested By	Remarks
PFT/WLD	RED	P001	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P002	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P003	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P004	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P005	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P006	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P007	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P008	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P009	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P010	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P011	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P012	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P013	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P014	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P015	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P016	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P017	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P018	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P019	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P020	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P021	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P022	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P023	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P024	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P025	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P026	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P027	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P028	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P029	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P030	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P031	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P032	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P033	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P034	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P035	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P036	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P037	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P038	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P039	4/30/08	MEP/6555	PASSED
PFT/WLD	RED	P040	4/30/08	MEP/6555	PASSED

Note: Stencil numbers on locks

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Lockout/Tagout Procedures

Lockout/tagout of equipment is a critical part of an operator's job duties and must be properly done before any maintenance is performed on any equipment in your unit.

All operators are given training on the company's Energy Isolation policy during their initial training and in their yearly CBT safety training. However, to avoid any instances where Lockout/tagout may not be properly carried out, listed below are some more job specific examples of how to lockout/tagout certain equipment in the operating units.

Remember: Proper Lockout/Tagout requires that the operator who locks out the equipment must also attach his tag with the operator's name and the date on it.

This information is to be used in conjunction with the Navajo Refining Energy Isolation policy which can be accessed on the Flashpoint web site. From the Flashpoint *Home* page click on *Locations*, then click on *Artesia*, and then click on *Safety*. Refer to the policy for the specific requirements of all jobs.

Pumps

When preparing a pump for maintenance there are several sources of energy that must be isolated and locked out.

The most obvious is the fluid being pumped by the pump. This must be isolated by closing the appropriate suction and discharge valves on the pump.

The energy that drives the pump must be isolated as well. Most of the pumps in the plant are driven by electric motors and the circuit breaker for the motor must be opened and locked out. Some pumps are driven by steam turbines and the steam supply must be isolated by closing the appropriate inlet and outlet valves

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on the steam lines to and from the turbine. The turbine must be depressured also.

Some pumps involve other sources of energy that must be isolated such as external seal flush, seal pot vents to flare, nitrogen purge, and cooling water to bearing housings. All these possible sources of energy must be isolated by closing the appropriate valves and locking them out according to the policy.

After **all** sources of energy have been isolated and locked out, the pump must be drained/depressured to a safe location before the maintenance work is begun. After the pump is depressured to the flare system it will be necessary to close and lockout the flare vent valve.

It is the unit operator's responsibility to insure that all other personnel involved in the work install their lockout/tagout device on the appropriate locations before any maintenance work is begun.

The unit operator should be the first one to install his lockout device and the last one to remove it.

Compressors

Compressors are similar to pumps except that they are pumping gases instead of liquids. The lockout/tagout requirements are the same although there may be more lines and valves that must be isolated on a compressor than on a typical pump.

Locking out Valves

When locking out a gate valve the normal procedure is to take the length of chain and wrap it through the spokes of the valve wheel and around the body of the valve or some other solid object in such a way that the valve wheel cannot be turned.

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It is important to get the chain tight so that the valve wheel cannot be moved even one spoke.

There are other types of valves that will have to be locked out from time to time. In the case of ¼ turn valves there are several options for lockout of the valve depending on the construction of the valve. Some ¼ turn valves have a built-in locking loop for a lock to be placed into when the valve is closed. Many valves will not have this and must be locked by other means such as removing the valve handle and wrapping the chain around the valve stem in such a way that the handle cannot be reinstalled until the chain is removed.

Some MOV type valves must have the electrical power or air lines removed to prevent any possibility of movement of the valve. These valves are addressed in your unit operating procedures.

In any instance where you do not have the proper equipment to safely lockout any equipment or are not sure of the proper procedure, ask your foreman or the A-Operator for assistance.

Circuit Breakers

When the motor (or other electrical equipment) is off line, the circuit breaker can be opened and locked in the open position. After the breaker is locked out and the equipment is depressured, make sure it is safe to do so and then push the start button on the motor to verify that the proper breaker has been locked out and the motor does not start.

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NAVAJO REFINING COMPANY NOTICE OF CHANGE

APPLICABLE RFC OR PHA#:

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There are two phases to the RFC procedures unless it is an emergency.

1. Upon conception of the RFC it will be put in the control room for personnel to review and comment. (After review personnel will sign and date).
2. When it is either put on line or takes effect. (After on line or in effect personnel; will initial and date).

In the case of a change not requiring an RFC or if an emergency RFC, both will be done at the same time.

PHASE 1			PHASE 2	
NAME	SIGNATURE	DATE	INITIAL	DATE
Ricky Apodaca	<i>Ricky Apodaca</i>	5-13-08	RA	5-13-08
Raul Velasquez	<i>Raul Velasquez</i>	5/12/08	JTM	5/12/08
Jim McFatrige	<i>Jim McFatrige</i>	5-12-08	ASL	5-12-08
Jerry Fernandez	<i>Jerry Fernandez</i>	5-12-08		
Aaron Lieb	<i>Aaron Lieb</i>	5-12-08		
Robert Gurrola	<i>Robert Gurrola</i>	5-13-08	KC	5-13-08
Kevin Cain	<i>Kevin Cain</i>	5-12-08	JB	5-12-08
Justin Bartlett	<i>Justin Bartlett</i>	5-12-8	JB CP	5-12-8
Curt Pittam	<i>Curt Pittam</i>			
Michael Parra	<i>Michael Parra</i>	5-13-08	BP	5-13-08
Billy Hamilton	<i>Billy Hamilton</i>	5-12-08	JH	5-12-08
Tim Duncan	<i>Tim Duncan</i>	5-12-08	WD	5-12-08
William Briscoe	<i>William Briscoe</i>	5-13-08	E.N.	5-13-08
Curtis Pennington	<i>Curtis Pennington</i>	5-12-08	KB	5-12-08
Ernesto Navarette	<i>Ernesto Navarette</i>	5-14-08	JB	5-14-08
Brett Smith	<i>Brett Smith</i>	5-13-08	JB	5-13-08
Kent bush	<i>Kent bush</i>			
Mark Duncan	<i>Mark Duncan</i>	5-14-08	AFV	5-14-08
Bernie Cardenas	<i>Bernie Cardenas</i>	5-12-08	HB	5-12-08
John Sterling	<i>John Sterling</i>			
Gabriel Garcia	<i>Gabriel Garcia</i>	5-14-08	AFV	5-14-08
Daniel Montoya	<i>Daniel Montoya</i>	5/13/08	AFV	5/13/08
Denver Cain	<i>Denver Cain</i>	5-12-08	HB	5-12-08
Arturo Vasquez	<i>Arturo Vasquez</i>			
Hoby Barrera	<i>Hoby Barrera</i>			
Gabe Turner	<i>Gabe Turner</i>			
Brian Shetterly	<i>Brian Shetterly</i>	5-12-08	BTS	5-12-08
Ernest Barela	<i>Ernest Barela</i>			

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Lockout/Tagout Procedures

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on the steam lines to and from the turbine. The turbine must be depressured also.

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Some MOV type valves must have the electrical power or air lines removed to prevent any possibility of movement of the valve. These valves are addressed in your unit operating procedures.

In any instance where you do not have the proper equipment to safely lockout any equipment or are not sure of the proper procedure, ask your foreman or the A-Operator for assistance.

Circuit Breakers

When the motor (or other electrical equipment) is off line, the circuit breaker can be opened and locked in the open position. After the breaker is locked out and the equipment is depressured, make sure it is safe to do so and then push the start button on the motor to verify that the proper breaker has been locked out and the motor does not start.

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NAVAJO REFINING COMPANY NOTICE OF CHANGE

APPLICABLE RFC OR PHA#:

CCR/ALKY DIVISION

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There are two phases to the RFC procedures unless it is an emergency.

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PHASE 1			PHASE 2	
NAME	SIGNATURE	DATE	INITIAL	DATE
Dale Hughes	DALE HUGHES	5-11-08	SDH.	5-11-08
Richard Rosco	Richard Rosco	5-6-08	RO	5-6-08
Mike DeAnda	m.d. anda	5-17-08	MAD	5-17-08
David Navarrette	David Navarrette	5-15-08	DN	5-15-08
Richard Aguilar	Richard Aguilar	5-5-08	RA	5-6-08
Jesus Acosta	Jesus Acosta	5-14-08	JMA	5-14-08
Jason Steed	Jason Steed	5-17-08	JS	5-17-08
Loda Anderson	Loda Anderson	5-13-08	LA	5-13-08
Johnny Craft	Johnny Craft	5-9-08	JC	5-9-08
Matthew McGowan	Matthew McGowan	5-16-08	MM	5-16-08
David Joyce	David Joyce	5-6-08	DJ	5-6-08
Cynthia Carpenter	Cynthia Carpenter	5-13-08	CC	5-13-08
Eric Harden	Eric Harden	05/06/08	EH	05/06/08
Justin Barber				
Charles Pinson	Charles Pinson	5-11-08	CP	5-11-08
Jason Reyes	Jason Reyes	5-17-08	JR	5-17-08
Brent Thomas	Brent Thomas	5-13-08	BT	5-13-08
Abel Florez	Abel Florez	5-17-08	AF	5-17-08
Joe Madrid	Joe Madrid	5-11-08	JM	5-11-08
Robert Lintz	Robert Lintz	5-6-08	REL	5-6-08
Lalo Galvan	Lalo Galvan	5-12-08	LG	5-12-08
Daniel Boone	Daniel Boone	5-9-08	DB	5-9-08
James Seely	James Seely	5-13	JS	5-13
John Wilson	John Wilson	5-6-08	JW	5-6-08
Jamie Polito	Jamie Polito	5-6-08	JP	5-6-08
Holly Schiel				
Jimmy Sanchez	NO LONGER HERE			
Lee Cotrell	Lee Cotrell	5-13-08	LC	5-13-08
Joshua Decoteau	Joshua Decoteau	5-9-08	JD	5-9-08
Cecil Vaughn	Cecil Vaughn	5-13-08	CV	5-13-08
Orlando Coss	Orlando Coss	5-11-08	OC	5-11-08
Zach Berry	Zach Berry	5/13/08	ZB	5-13
Michael Figueroa	Michael Figueroa	5-8-08	MF	5-8-08
Melissa Peterson	Melissa Peterson	5-11-08	MP	5-11-08
Johnson, Ron	Ron Johnson	5-14-08	RJ	5-14-08
Kris Antione	Kris Antione	17 may 08	KA	17 may 08
Jacob Tuley	Jacob Tuley	5-13-08	JT	5-13-08

MAY 19 2008 *JD*

Lockout/Tagout Procedures

Lockout/tagout of equipment is a critical part of an operator's job duties and must be properly done before any maintenance is performed on any equipment in your unit.

All operators are given training on the company's Energy Isolation policy during their initial training and in their yearly CBT safety training. However, to avoid any instances where Lockout/tagout may not be properly carried out, listed below are some more job specific examples of how to lockout/tagout certain equipment in the operating units.

Remember: Proper Lockout/Tagout requires that the operator who locks out the equipment must also attach his tag with the operator's name and the date on it.

This information is to be used in conjunction with the Navajo Refining Energy Isolation policy which can be accessed on the Flashpoint web site. From the Flashpoint *Home* page click on *Locations*, then click on *Artesia*, and then click on *Safety*. Refer to the policy for the specific requirements of all jobs.

Pumps

When preparing a pump for maintenance there are several sources of energy that must be isolated and locked out.

The most obvious is the fluid being pumped by the pump. This must be isolated by closing the appropriate suction and discharge valves on the pump.

The energy that drives the pump must be isolated as well. Most of the pumps in the plant are driven by electric motors and the circuit breaker for the motor must be opened and locked out. Some pumps are driven by steam turbines and the steam supply must be isolated by closing the appropriate inlet and outlet valves

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on the steam lines to and from the turbine. The turbine must be depressured also.

Some pumps involve other sources of energy that must be isolated such as external seal flush, seal pot vents to flare, nitrogen purge, and cooling water to bearing housings. All these possible sources of energy must be isolated by closing the appropriate valves and locking them out according to the policy.

After **all** sources of energy have been isolated and locked out, the pump must be drained/depressured to a safe location before the maintenance work is begun. After the pump is depressured to the flare system it will be necessary to close and lockout the flare vent valve.

It is the unit operator's responsibility to insure that all other personnel involved in the work install their lockout/tagout device on the appropriate locations before any maintenance work is begun.

The unit operator should be the first one to install his lockout device and the last one to remove it.

Compressors

Compressors are similar to pumps except that they are pumping gases instead of liquids. The lockout/tagout requirements are the same although there may be more lines and valves that must be isolated on a compressor than on a typical pump.

Locking out Valves

When locking out a gate valve the normal procedure is to take the length of chain and wrap it through the spokes of the valve wheel and around the body of the valve or some other solid object in such a way that the valve wheel cannot be turned.

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It is important to get the chain tight so that the valve wheel cannot be moved even one spoke.

There are other types of valves that will have to be locked out from time to time. In the case of ¼ turn valves there are several options for lockout of the valve depending on the construction of the valve. Some ¼ turn valves have a built-in locking loop for a lock to be placed into when the valve is closed. Many valves will not have this and must be locked by other means such as removing the valve handle and wrapping the chain around the valve stem in such a way that the handle cannot be reinstalled until the chain is removed.

Some MOV type valves must have the electrical power or air lines removed to prevent any possibility of movement of the valve. These valves are addressed in your unit operating procedures.

In any instance where you do not have the proper equipment to safely lockout any equipment or are not sure of the proper procedure, ask your foreman or the A-Operator for assistance.

Circuit Breakers

When the motor (or other electrical equipment) is off line, the circuit breaker can be opened and locked in the open position. After the breaker is locked out and the equipment is depressured, make sure it is safe to do so and then push the start button on the motor to verify that the proper breaker has been locked out and the motor does not start.

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Page 2 of 2

Lock-out & Tag-out

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PHASE 1			PHASE 2	
NAME	SIGNATURE	DATE	INITIAL	DATE
Jerald Vance		4/29/08	JV	4/29/08
Jesus Alvarado		5-1-08	JA	5-1-08
Cruz Lara		4-3-08	CL	5-3-08
Ricky Garcia		5-1-08	R.G.	5-1-08
Danny Kelley		4-29-08	D.R.K.	4-29-08
Don Cousins		5/3/08	DC	5/3/08
Rayna Johnson		5-1-08	RJ	5-1-08
Gilbert Trujillo		4/29/08	GT	4/29/08
Thomas Smith		4-29-08 4/29/08	TWS	4-29-08
David Rutherford		4-29-8	DR	4-29-8
David Bethke		5-3-08	DB	5-3-08
Aguilar, Roman		4-29-08	RA	4-29-08
Pinson, Stephen		5-13-08	SP	5-13-08
Ochoa, Damian		5-1-08	DO	5-1-08
Balencia, Joesph		4-29-08	JB	4-29-08
Fernandez, Pete		5-1-08	PF	5-1-08
Seely, Jake		4-29-08	JS	4-29-08
Aguirre, Hugo		5-3-08	HA	5-3-08
Lewis, Samuel		5-4-08	SL	5-4-08
Joaquin, Avila		4-29-08	JA	4-29-08
Collins, Doug		5-1-08	DC	5-1-08
Pando, Eddie		4-29-08	EP	4-29-08
Logsdon, Roy		5-6-08	RL	5-6-08
Austin, John Sick 1-21-1				
Watkins, Jason		4/29/08	WJ	4/29/08
Anaya, Xavier		5-3-08	XA	5-3-08
Madrid, Darla		4/29/08	DM	4/29/08

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Page 2 of 2

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PHASE 1			PHASE 2	
NAME	SIGNATURE	DATE	INITIAL	DATE
Ysidro Salazar				
Kerry Ornelas	<i>[Signature]</i>	5-6-08	<i>[Initial]</i>	5-6-08
Henry Rodriguez				
Kevin Newton	Kevin Newton	5/6/08	KWN	5-6-08
Mark McCaleb				
Jeff Youtsey	<i>[Signature]</i>	5-6-08	JY	5-6-08
Jon Solt	<i>[Signature]</i>	5-6-08	JS	5-6-08
Rick Kelley				
Raul Anaya				
Jeff Stack				
Mike Callaway	<i>[Signature]</i>	5-6-08	MC	5-6-08
George Bergstrom	JC <i>[Signature]</i>	5-6-08	JC	5-6-08
Tod Truog	<i>[Signature]</i>	5/6/08	TT	5/6/08
Mike Murley				
Dwight Bever	Dwight Bever	5-6-08	DB	5-6-08
Dorado, Marty	Dorado, Marty	5-6-08	MD	5-6-08
Sue Evanoff				
Shane Smith				
Ross Meneffe	Ross Meneffe	5-6-08	RM	5-6-08
Jeff Molina				
Erik McCormick				
Michael Thompson				
Humberto Lopez	<i>[Signature]</i>	5-6-08	HL	5-6-08
Jim Carmichael				

MAY 19 2008 *[Signature]*

NOTE: A RESPIRATOR NOT ROUTINELY USED BUT KEPT FOR EMERGENCY USE SHALL BE INSPECTED AT LEAST MONTHLY. ALL RESPIRATORS SHALL BE INSPECTED AFTER EACH USE. IF ANY MALFUNCTION IS NOTED, REMOVE THE RESPIRATOR FROM SERVICE AND HAS FOR REPAIR BY AUTHORIZED PERSONNEL.

16. Inspect and seal the face piece for a proper fit on the user.

17. Use the appropriate signs to show the face piece is inspected.

18. Any discolored or damaged respirator shall be reported to the Safety Officer Department. (2007)

2007 Inspection

LEFT: R1 RIGHT: R2

Place the inspectors initials in the appropriate box for the month and year of the inspection. (Use an inspection sign - Stamped)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2006												
2007												
2008												

4/25
Hood

05/12/2008

ART-10

MAY 12 2008



04/24/2008

MAY 19 2008

gls

(Before) ART-11.1

APR 25 082



04/24/2008

MAY 19 2008

(CORRECTED) Ker-11.2 April 25 003

05/20/08

Norman -

Please sign and return one copy
of the transmittal to me.

Thanks.

Jennifer Hilliard