

MANAGER T. E. MEYERDATE SEPTEMBER 23, 1988UNIT LIGHT OLEFINS IIIQTR/YR 4TH - 1988BA AREA OLEFINSDPMC COMPLIANCE AUDITSAudit Subject: HEALTH & SAFETY TRAINING RECORDS AUDITParticipants in Opening Conference:K. W. LeachE. P. ManleyParticipants in Closing Conference:K. W. LeachE. P. ManleyReference Documentation: OSHA 1910 - DPMC Health & Safety Order Book.

Compliance Issues Revealed by Audit: Complete listed Health & Safety
training records by year end 1988. Implement bi-annual Smoke House
Training by year end 1988.

Corrective Action Plan (Including Designated Responsible Individuals): _____
Implement Smoke House Training for 1988.

Comments: See attached sheets.

Compliance Date: _____ Follow-Up Audit Date: _____

LAM 002754

MANAGER T. E. MEYER
UNIT LIGHT OLEFINS III
BA AREA OLEFINS

DATE SEPTEMBER 23, 1988
QTR/YR 4TH - 1988

DPMC COMPLIANCE AUDITS (CONT'D)

Audit Subject: Health & Safety Training Records

1. Hearing Conservation

Training Records 65% complete for 1988.

2. Warning Signs - Employees questioned were familiar with S-112.

3. Hazard Communication - Training records 50% complete for 1988.

4. Embryo/Fetus Program - Current, Record on file in Industrial Hygiene.

7. Emergency Action Plan - Training Records 90% complete for 1988. Training done by monthly Safety and Emergency Drills.

10. Portable Fire Extinguishers - Training Records 25% complete for 1988.

12. Respiratory Protection - 1) Training Records 68% complete for 1988.

2) Implement Smoke House Training before year end 1988.

13. Asbestos - Training Records 45% complete for 1988.

LAM 002755

DPMC COMPLIANCE AUDITS
HEALTH & SAFETY TRAINING

Unit/Area Light Olefins III

Date: September 23, 1988

Reference: See "Health & Safety Training Audit - Reference Document" for individual references and more information or requirements.
Primary references are the OSHA 1910 Standard and DPMC H&S Order Book.

Audit Items:

<u>CATEGORY</u>	<u>AUDIT</u>
1. Hearing Conservation	R
2. Warning Signs	K
3. Hazard Communication	R & P
4. Embryo/Fetus Program	R
5. LPG Storage and Handling Facilities.	P (N/A)
6. Storage Tanks.	P (N/A)
7. Emergency Action/Emergency Response.	R
8. Fire Brigade	R (N/A)
9. Portable Fire Extinguishers.	R
10. Hazardous Waste Operations	R (N/A)
11. Emergency Response Teams	R
12. Respiratory Protection	R
13. Asbestos	R
14. Lead	K (N/A)
15. Aerial Lift Equipment.	R (N/A)
16. Powered Industrial Trucks (Forklifts).	R (N/A)
17. Cranes	P or R (N/A)
18. Slings	K (N/A)
19. Mechanical Power Presses	P or R (N/A)
20. Welding.	P or R (N/A)

R = Records
P = Written procedure, training manual, etc.
K = Knowledge, audit by interview

6.H.

MANAGER W. J. DANIELS
UNIT BD/HT/IP
BA AREA OLEFINS

DATE SEPTEMBER 22, 1988
QTR/YR 4TH - 1988

DPMC COMPLIANCE AUDITS

Audit Subject: HEALTH & SAFETY TRAINING RECORDS AUDIT

Participants in Opening Conference:

D. C. Brooks
E. P. Manley

Participants in Closing Conference:

D. C. Brooks
E. P. Manley

Reference Documentation: OSHA 1910 - DPMC Health & Safety Order Book.

Compliance Issues Revealed by Audit: None, all records current for 1988.
However, bi-annual Smoke House Training due before year end 1988.

Corrective Action Plan (Including Designated Responsible Individuals): _____
Implement Smoke House Training for 1988.

Comments: See attached sheets.

Compliance Date: _____ Follow-Up Audit Date: _____

LAM 002757

MANAGER W. J. DANIELS
UNIT BD/HT/IP
BA AREA OLEFINS

DATE SEPTEMBER 22, 1988
QTR/YR 4TH - 1988

DPMC COMPLIANCE AUDITS (CONT'D)

Audit Subject: Health & Safety Training Reference Document

1. Hearing Conservation

Current - June 1, 1988

2. Warning Signs - Employees questioned were familiar with S-112.

3. Hazard Communication - Done - January 1988

4. Embryo/Fetus Program - Current 1988

6. Storage Tanks - In Hurricane Procedures Manual.

7. Emergency Action Plan - Current, training done February 1988.

10. Portable Fire Extinguishers - Annual training done 4/88.

12. Respiratory Protection - 1) Annual Training done July 1988.

2) Bi-annual Smoke House Training due 1988. 3) Fit Testing done May'88.

13. Asbestos - Annual training completed March 1988.

LAM 002758

DPMC COMPLIANCE AUDITS
HEALTH & SAFETY TRAINING

Unit/Area BD/HT/IP

Date: September 22, 1988

Reference: See "Health & Safety Training Audit - Reference Document" for individual references and more information or requirements.
 Primary references are the OSHA 1910 Standard and DPMC H&S Order Book.

Audit Items:

<u>CATEGORY</u>	<u>AUDIT</u>
1. Hearing Conservation	R
2. Warning Signs	K
3. Hazard Communication	R & P
4. Embryo/Fetus Program	R
5. LPG Storage and Handling Facilities.	P (N/A)
6. Storage Tanks.	P
7. Emergency Action/Emergency Response.	R
8. Fire Brigade	R (N/A)
9. Portable Fire Extinguishers.	R
10. Hazardous Waste Operations	R (N/A)
11. Emergency Response Teams	R (N/A)
12. Respiratory Protection	R
13. Asbestos	R
14. Lead	K (N/A)
15. Aerial Lift Equipment.	R (N/A)
16. Powered Industrial Trucks (Forklifts).	R (N/A)
17. Cranes	P or R (N/A)
18. Slings	K (N/A)
19. Mechanical Power Presses	P or R (N/A)
20. Welding.	P or R (N/A)

R = Records
 P = Written procedure, training manual, etc.
 K = Knowledge, audit by interview

LAM 002759

C.H.

MANAGER S. A. GRANT
UNIT PYROLYSIS II/III
BA AREA OLEFINS

DATE SEPTEMBER 21, 1988
QTR/YR 4TH - 1988

DPMC COMPLIANCE AUDITS

Audit Subject: DPMC COMPLIANCE AUDIT - HEALTH & SAFETY TRAINING
REFERENCE DOCUMENT

Participants in Opening Conference:

Participants in Closing Conference:

K. D. Yielding
E. P. Manley

K. D. Yielding
E. P. Manley

Reference Documentation: OSHA 1910 Standard & DPMC Health & Safety Order
Book.

Compliance Issues Revealed by Audit: Smoke House Training due in 1988 -
no compliance issue.

Corrective Action Plan (Including Designated Responsible Individuals): _____
Implement Smoke House Training before year end.

Comments: All records in compliance - see attached sheets.

Compliance Date: _____ Follow-Up Audit Date: _____

MANAGER S. A. GRANT
UNIT PYROLYSIS II/III
BA AREA OLEFINS

DATE SEPTEMBER 21, 1988
QTR/YR 4TH - 1988

DPMC COMPLIANCE AUDITS (CONT'D)

Audit Subject: Health & Safety Training Reference Document

1. Hearing Conservation
Annual Records current 2/88
2. Warning Signs - Employees questioned were familiar with S-112.
3. Hazard Communication - Records current. No new chemicals added in the last few years.
4. Embryo Fetus - Records current.
6. Storage Tanks - In Pyrolysis II/III Training Manuals 2 3C3-8. Add Flood Control Procedures to Training Manuals.
7. Emergency Response Plan - By Safety Drills. June 1988
9. Portable Fire Extinguishers - Annual Training Current for 1988.
12. Respiratory Protection - 1) Annual Training current for 1988, 2) Smoke House Training due in 1988, 3) I.H. Fit Testing current, February 1988.
13. Asbestos - Records current for 1988.

LAM 002761

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DPMC-08890

DPMC COMPLIANCE AUDITS

HEALTH & SAFETY TRAINING

Unit/Area Pyrolysis II/III

Date: September 21, 1988

Reference: See "Health & Safety Training Audit - Reference Document" for individual references and more information or requirements.
Primary references are the OSHA 1910 Standard and DPMC H&S Order Book.

Audit Items:

<u>CATEGORY</u>	<u>AUDIT</u>
1. Hearing Conservation	R
2. Warning Signs	K
3. Hazard Communication	R & P
4. Embryo/Fetus Program	R
5. LPG Storage and Handling Facilities.	P (N/A)
6. Storage Tanks.	P
7. Emergency Action/Emergency Response.	R
8. Fire Brigade	R (N/A)
9. Portable Fire Extinguishers.	R
10. Hazardous Waste Operations	R (N/A)
11. Emergency Response Teams	R (N/A)
12. Respiratory Protection	R
13. Asbestos	R
14. Lead	K (N/A)
15. Aerial Lift Equipment.	R (N/A)
16. Powered Industrial Trucks (Forklifts).	R (N/A)
17. Cranes	P or R (N/A)
18. Slings	K (N/A)
19. Mechanical Power Presses	P or R (N/A)
20. Welding.	P or R (N/A)

R = Records
P = Written procedure, training manual, etc.
K = Knowledge, audit by interview

LAM 002762

MANAGER W. J. DANIELS
UNIT BD/HT/IP
BA AREA OLEFINS

DATE JULY 11, 1988
QTR/YR 3RD 1988

DPMC COMPLIANCE AUDITS

Audit Subject: S-125 ASBESTOS

Participants in Opening Conference:

Participants in Closing Conference:

B. R. Parker
E. P. Manley

B. R. Parker
E. P. Manley

Reference Documentation: DPMC Complex Order Book

Compliance Issues Revealed by Audit: None.

Corrective Action Plan (Including Designated Responsible Individuals): _____

None

See comment on Health & Safety Audit Sheet under 2A: Work Practices.

Comments: _____

Compliance Date: None Follow-Up Audit Date: None

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DPMC-08892

LAM 002763

DPMC COMPLIANCE AUDIT

ASBESTOS

Unit/Area BD/HT/IP

Date July 11, 1988

Reference: S-125, Asbestos

Audit Items:

1. Labeling/Signs:

- A. Are Unit boundary signs in place, i.e., near the plot edge and/or control room entrance? Yes, signs are in place.
- B. Does Operations/Maintenance know how to label bagged insulation?
 - (1) Pre-labeled bag - Yes
 - (2) Tagged - Yes
- C. Are warning signs being used?
 - (1) Around asbestos work in progress - Yes
 - (2) Are correct signs being used? Area vs Warning - Yes

2. Work Practices:

- A. Does Operations/Maintenance know how to get insulation tested for asbestos? Yes, by Industrial Hygiene.
- B. Does Operations/Maintenance know the precautions/procedures for handling/disposal of asbestos materials?
 - (1) Wet method - Yes
 - (2) Barricades with signs - Yes
 - (3) Protective equipment - coveralls, respirator - Yes

3. Work Permits:

- A. Does Operations know permit requirements, i.e., coveralls, respiratory, signs? - Yes
- B. Are permits properly marked? No Permits in force at time of audit.
- C. Are MSDS sheets available? Yes, in Control Room.

COMMENTS: Work Practices 2A - Review with Shift Foremen and Operators through Safety Meetings, the Inspectors to call to test insulation for asbestos.

1. G. L. Buchanan - 7517/7420

2. H. E. Craddock - 7926/7420

3. W. L. Neal - 7370

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LAM 002764

MANAGER S. A. GRANT
UNIT PY-2, STF-OP-II X
BA AREA OLEFINS

DATE JULY 11, 1988
QTR/YR 3RD 1988

DPMC COMPLIANCE AUDITS

Audit Subject: S-125 ASBESTOS

Participants in Opening Conference:

K. W. Jones
E. P. Manley

Participants in Closing Conference:

K. W. Jones
E. P. Manley

Reference Documentation: DPMC Health & Safety Orders

Compliance Issues Revealed by Audit: None.

Corrective Action Plan (Including Designated Responsible Individuals): None

See comment on Health & Safety Audit Sheet under 2A: Work Practices.

Comments: _____

Compliance Date: None Follow-Up Audit Date: None

DPMC COMPLIANCE AUDIT

ASBESTOS

Unit/Area PY2-STF-OP11-X

Date July 11, 1988

Reference: S-125, Asbestos

Audit Items:

1. Labeling/Signs:

- A. Are Unit boundary signs in place, i.e., near the plot edge and/or control room entrance? Yes, signs are in place.
- B. Does Operations/Maintenance know how to label bagged insulation?
 - (1) Pre-labeled bag - Yes
 - (2) Tagged - Yes
- C. Are warning signs being used?
 - (1) Around asbestos work in progress - Yes
 - (2) Are correct signs being used? Area vs Warning - Yes

2. Work Practices:

- A. Does Operations/Maintenance know how to get insulation tested for asbestos? Yes, by Industrial Hygiene.
- B. Does Operations/Maintenance know the precautions/procedures for handling/disposal of asbestos materials?
 - (1) Wet method - Yes
 - (2) Barricades with signs - Yes
 - (3) Protective equipment - coveralls, respirator - Yes

3. Work Permits:

- A. Does Operations know permit requirements, i.e., coveralls, respiratory, signs? - Yes
- B. Are permits properly marked? No Permits issued for asbestos removal at time of audit.
- C. Are MSDS sheets available? Yes, in Control Room.

COMMENTS: Work Practices 2A - Review with Shift Foremen and Operators through Safety Meetings, the Inspectors to call to test insulation for asbestos.

1. G. L. Buchanan - 7517/7420

2. H. E. Craddock - 7926/7420

3. W. L. Neal - 7370

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Safety
Compliance Audits - Others
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1988 747.3.7.

LAM 002753