

WJD
11/11/83

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS
NOISE LOCATIONS

NOVEMBER 1, 1982 UPDATE

A=STATUS REPORT, ACTION INITIATED

T=RECOMMENDATION UNDER CONSIDERATION

D=RECENT ROUTINE RECOMMENDATION, FOLLOWUP PENDING

C=ACTION COMPLETED DURING OCTOBER-SEE COMMENT X=ITEM CLOSED-SEE COMMENT

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A.D. GILLIE

NEWBURY TERMINAL

03/25/82

- 1 GENERAL MAINTENANCE EMPLOYEES SHOULD BE RE-MONITORED TO FURTHER ASSESS THEIR NOISE EXPOSURES
- 2 EMPLOYEES SHOULD BE INFORMED OF THEIR NOISE EXPOSURE RESULTS

A.D. GILLIE

NORFOLK TERMINAL

07/21/82

- 1 MODIFY BRANCH DUCT ENTRIES
- 2 REPLACE EXHAUST FAN
- 3 MODIFY DUCTWORK DIAMETERS
- 4 REPLACE FAN MOTOR
- 5 MODIFY KETTLE/DUCT JUNCTION
- 6 INSTALL VERTICAL EXHAUST STACK

A.D. GILLIE

CHARLESTON TERMINAL

10/30/81

- A-03/10/82 01 INVESTIGATE AND REDUCE NOISE LEVELS BY ADMINISTRATIVE &/OR ENGINEERING CONTROLS (JJH)
- A-12/15/81 02 POST & REQUIRE PERSONAL EAR PROTECTION IN HIGH NOISE AREAS (JJH)
- A-12/15/81 10 EMPLOYEES SHOULD BE NOTIFIED OF SAMPLING RESULTS (JJH)
- A-12/15/81 11 DEVELOP LOG OF IH SAMPLING (JJH)
- A-03/10/82 15 SCHEDULE IH SURVEILLANCE (JJH)
- A-03/10/82 16 DEVELOP ROUTINE MAINTENANCE OF VENTILATION SYSTEM (JJH)

WA-TEX 005765

WA-TEX005765

PLAINTIFF'S EXHIBIT

TEX-83

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS MUSKIE LOCATIONS

NOVEMBER 1, 1982 UPDATE

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10/30/81 CHARLESTON TERMINAL A.D. GILLIE
*MAINTAINED PERIODICALLY

12/11/81 TAMPA TERMINAL A.D. GILLIE

A 03/10/82 1 SECURE PAST AUDIOMETRIC RESULTS AND MAINTAIN IN THE EMPLOYEE'S RECORDS
*COPIES ARE BEING SUPPLIED-R.G. KREGEL'S LETTER 1/15/82

C 03/10/82 2 PERFORM AUDIO DOSIMETRY CHARACTERIZING EMPLOYEE EXPOSURE TO NOISE FOR THOSE EMPLOYEES CURRENTLY
RECEIVING AUDIOGRAMS
*REPRESENTATIVE DOSIMETRY PERFORMED BY MR. W.L. LEE ON 12/15/81

C 03/10/82 3 EMPLOYEES SHOULD NOT BE EXPOSED TO HIGH NOISE LEVELS PRIOR TO AUDIOMETRIC TESTING
*THIS IS THE ESTABLISHED PRACTICE

C 03/10/82 4 INFORM EMPLOYEES OF SAMPLING RESULTS
*EMPLOYEES WILL BE NOTIFIED-R.G. KREGEL'S CORR-1/15/82

C 03/10/82 5 PROVIDE HEARING PROTECTION FOR WORK AROUND THE HOT OIL/ASPHALT HEATING SYSTEM & POST AS HIGH NOISE
AREA
*HEARING PROTECTION DEVICES HAVE BEEN PROVIDED AND WARNING SIGNS ON ORDER

C 03/10/82 6 PROVIDE RUBBER GLOVES FOR ASPHALT RACK EMPLOYEES
*HIGH TEMP NEOPRENE GLOVES ARE ON ORDER

X 03/10/82 7 INVESTIGATE NOISE LEVELS ASSOCIATED WITH THE TANK WAGON MONITORED BY MR. W.L. LEE ON 12/15/81

08/09/81 LOS ANGELES TERMINAL J.D. WATTS

C 08/09/81 3 NOTIFY LAB EMPLOYEES OF FILM BADGE RESULTS

C 08/09/81 6 INITIATE PREVENTIVE MAINTENANCE PROGRAM TO INSPECT AND
CLEAN EXHAUST VENTILATION SYSTEM IN COMPOUND/MANUFACTURING
AREA

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS MSS2 LOCATIONS

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05/10/82 CLAYMONT TERMINAL A.O. GILLIE

X 10/21/82 1 THU SHOULD BE CONTACTED TO ARRANGE SCHEDULING FOR ENGINEERING CONTROLS TO REDUCE NOISE LEVELS IN
BOILER HOUSE
***AS PER GEORGE EACH 9/28/82 PLANT IN PROCESS OF BEING CLOSED, BOILERS WILL BE SHUT DOWN AS SOON
***AS PRODUCT IS SHIPPED OUT, APPROX 30 DAYS

X 10/21/82 2 AUDIOOCSIMETRY SHOULD BE PERFORMED FOR MAINTENANCE EMPLOYEES TO FURTHER EVALUATE NOISE EXPOSURES
***AS PER GEORGE EACH 9/28/82 PLANT IN PROCESS OF BEING CLOSED, BOILERS WILL BE SHUT DOWN AS SOON
***AS PRODUCT IS SHIPPED OUT, APPROX 30 DAYS

10/14/80 AMARILLO PLANT J.W. NISBET

C 08/30/82 3 IMPLEMENT A PROGRAM FOR PERIODIC EVALUATION OF VENTILATION
SYSTEMS
**08/30/82 TELECOM BR MELTON-JWN-BR-MELTON WILL PERFORM MONTHLY REVIEW OF LAB HOODS WITH EXISTING
**VELOMETER MEASUREMENTS NOTED IN LOG BOOK

08/18/81 AMARILLO PLANT J.W. NISBET

W 10/15/81 3 EVALUATE NEED FOR ADDITIONAL H2S CONTROL PROVISIONS FOR
PLANT MAINTENANCE ACTIVITIES

12/29/81 AMARILLO PLANT J.W. NISBET

A 08/17/82 1 CONSTRUCT WASH-DOWN WATER COLLECTION TANK FOR PB
CONTAMINATION
*TELCOM B.R. MELTON-JWN 2/22/82 PLAN GONE TO PLANT ENGINEERING DEPT FOR IMPLEMENTATION
*TELCOM B.R. MELTON-JWN 6/16/82 CONTRACT SUBMITTED FOR WORK
*TELCOM B.R. MELTON-JWN 8/17/82 CONTRACT IN REVIEW

03/11/82 AMARILLO PLANT J.W. NISBET

A 08/17/82 2 PERFORM SAMPLING FOR H2S - 2-8HR TWA DURING GAS ANALYSIS & 4-SHORT TERM SAMPLES ON SAMPLE
CONTAINER PURGING AND 4-SHORT TERM ON ACTUAL GC RUNS
* TELECOM BR MELTON-JWN 8/16/82 SAMPLING AWAITING PLACEMENT OF GC UNDER HOOD
* TELECOM BR MELTON-JWN 08/17/82 VENTILATION SYSTEM HAS BEEN INSTALLED FOR SAMPLE PURGE PUMP
* AND GC EVALUATION TO BE CONDUCTED

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS MESSKIT LOCATIONS

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11/26/80 EAGLE POINT PLANT A.D. GILLIE

10/15/81 1A PROVIDE A WRITTEN SOP FOR RESPIRATORY SELECTION AND USE REFERRED TO KH FOR REVIEW (FROM JJH)

1D VERIFY THAT VENDORS' BREATHING AIR MEETS OR EXCEEDS CGA SPECIFICATIONS

1E USE APPROPRIATE RESPIRATORY PROTECTION

1F VERIFY THE CONTINUED EFFECTIVENESS OF THE RESPIRATORY PROTECTION PROGRAM BY ROUTINE INSPECTION

2A SURVEY HIGH NOISE AREAS AND REDEFINE THE EQUAL LOUDNESS CONTOUR LINES

2B POST HIGH NOISE AREAS WITH WARNING SIGNS

2C PROVIDE EMPLOYEE NOISE EXPOSURE DATA TO THE PLANT MEDICAL PERSONNEL

2D EVALUATE THE AUDIOMETRIC TEST BOOTH

3 PERIODICALLY EVALUATE EXHAUST VENTILATION

4 REPAIR THE EYE WASH FOUNTAINS AT THE ALKY UNIT

5 ROUTINELY VERIFY THAT WARNING SIGNS AND LABELS ARE APPROPRIATE AND LEGIBLE

6 TRAIN EMPLOYEES TO USE THE CHLORINE EMERGENCY KIT B

7 INSTALL AN EYE WASH AT THE CHLORINATOR

10/28/81 EAGLE POINT PLANT A.D. GILLIE

7 EVALUATE EMPLOYEE EXPOSURE TO BENZENE DURING BARGE LOADING SAMPLE DURING SUMMER MONTHS (FROM JJH)

8 EVALUATE EMPLOYEE EXPOSURES TO BENZENE AND TOTAL OTHER HYDROCARBONS AT WASTE-WATER TREATMENT PLANT - CONTACT MADE WITH ENGINEER RESPONSIBLE FOR WWTP

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS WISSET LOCATIONS

MOVIE 98R 1, 1982 UPDATE

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01/28/81 (FROM JJH) EAGLE POINT PLANT A.D. GILLIE

03/20/81 EAGLE POINT PLANT A.D. GILLIE
7 ASSIST IN ARRANGING ASSISTANCE FOR EVALUATION OF NOISE CONTROL PROGRAM (FROM JJH)

04/28/82 EAGLE POINT PLANT A.D. GILLIE

1 ARRANGEMENTS SHOULD BE MADE TO INVESTIGATE ENGINEERING AND/OR ADMINISTRATIVE CONTROL TO REDUCE NOISE LEVELS AT CRUDE UNIT, FCCU, POWER AND LABORATORY

05/26/82 EAGLE POINT PLANT A.D. GILLIE

1 CONDUCT FURTHER MONITORING TO BETTER CHARACTERIZE EMPLOYEE EXPOSURES IN WELD SHOP

12/04/80 EL PASO PLANT J.W. NISBET

W 06/15/82 1R UPDATE STANDING INSTRUCTION #13

W 06/15/82 2A SURVEY HIGH NOISE AREAS AND REDEFINE THE EQUAL LOUDNESS CONTOUR LINES

W 06/15/82 2B POST ALL HIGH NOISE AREAS WITH APPROPRIATE CAUTION SIGNS

W 06/15/82 2C EVALUATE THE BACKGROUND NOISE OF THE AUDIOMETRIC TEST ROOM

03/25/81 EL PASO PLANT J.W. NISBET

1 CONDUCT H2S SAMPLING ON OTHER EMPLOYEE LINES AS REQUIRED IN INITIAL AND ROUTINE MONITORING

A 06/15/82 7 PLANT - MOVE FCCU SHACK OR INSTALL NOISE CONTROLS

*TELCOM JAY WALLACE-JWN 2/27/82 SOUND INSULATION IN STOCK

*TELCOM JAY WALLACE-JWN 6/16/82 INSULATION HAS NOT BEEN INSTALLED, WORK ORDER HAS BEEN WRITTEN

WA-TEX 005769

WA-TEX005769

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS LMSXI LOCATIONS

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G.A. MAULDIN

LAWRENCEVILLE PLANT

08/25/80

ADDITIONAL SAMPLING FOR WELDING FUMES WITHIN A CONFINED SPACE

**9/2/82 PROCEDURE DONE ONLY ONCE A YEAR, OUTDOORS, ASBESTOS BULK ANALYSIS EXTREMELY LOW-FURTHER
**EXTREMELY LOW-FURTHER SAMPLING NOT NEEDED AT THIS TIME

H.K. FINE

LAWRENCEVILLE PLANT

05/13/81

3. RESAMPLE PAINTER WHILE FAN IS USED

H.K. FINE

LAWRENCEVILLE PLANT

08/10/81

X 11/15/81 1 PERFORM ADDITIONAL LONG-TERM PERSONNEL SAMPLING ON THE NEXT TWO OCCASIONS WHEN DOCTOR SOLUTION IS MADE

X 11/15/81 2 THE EMPLOYEE SHOULD WEAR AN APPROVED HALF MASK RESPIRATOR WITH HIGH EFFICIENCY FILTERS DURING ALL ASPECTS OF LITHARGE HANDLING, INCLUDING CLEANUP

X 11/15/81 3 PREPARE THE DOCTOR SOLUTION IN A LAB FUME HOOD WITH A MINIMUM FACE VELOCITY OF 100 LINEAR FPM

X 11/15/81 4 USE A LAB COAT IN ADDITION TO THE GLOVES AND EYE PROTECTION PRESENTLY USED. LAUNDERING AND CLEANING THIS EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE COMPANY (AS FOR TEL TANK CLEANING)

X 11/15/81 5 AVOID CREATING ANY DUST THAT WOULD HAVE TO BE SUBSEQUENTLY CLEANED UP

X 11/15/81 6 IF DUST IS CREATED ON THE FLOOR, ETC, AVOID CREATING FURTHER AIRBORNE DUST DURING THE CLEANUP OF THE WORK AREA BY USE OF A VACUUM CLEANER FITTED WITH HIGH EFFICIENCY FILTERS OR WASHING THE DUST INTO THE PROCESS SEWER

X 11/15/81 7 ON THE NEXT TWO OCCASIONS WHEN DOCTOR SOLUTION IS MADE, COLLECT SHORT-TERM EMPLOYEE BREATHING ZONE SAMPLES DURING WORK TIME A) IN THE HOOD, AND B) CLEANING UP

C A 11/15/81 8 CONSIDERATION SHOULD BE GIVEN TO COMPLETELY ELIMINATE THE ENTIRE OPERATION AND PURCHASE DOCTOR SOLUTION FROM A

WA-TEX 005770

WA-TEX005770

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS MMS&T LOCATIONS

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H.K. FINE

LAWRENCEVILLE PLANT

08/10/81
VENNOR

G.A. MAULDIN

LAWRENCEVILLE PLANT

09/16/81

FURTHER SAMPLING TO DOCUMENT ASBESTOS EXPOSURES TO
CARPENTERS ENGAGED IN TRANSITE CUTTING
**9/2/82 PROCEDURE DONE ONLY ONCE A YEAR, OUTDOORS. ASBESTOS BULK ANALYSIS EXTREMELY LOW-FURTHER
**EXTREMELY LOW-FURTHER SAMPLING NOT NEEDED AT THIS TIME

H.K. FINE

LAWRENCEVILLE PLANT

09/15/82

- U . 1A GET RID OF CANISTER GAS MASK IN SI 79
- U . 1B CLEAN AIRLINE STORAGE CABINET & PREVENT DAMAGE TO REGULATORS & FACEPIECES
- U . 1C LABEL HELPER SHACK AS CONTAINING SCRA
- U . 1D ENSURE SI & STANDING ORDERS ARE FOLLOWED RE: WEARING BREATHING EQUIPMENT DURING OPERATIONS
- U . 2A POST EMERGENCY ALARM PROCEDURE IN CONTROL ROOM
- U . 2B WRITE CONTINGENCY PLAN OF WHO TO CALL & WHEN IN CASE OF AN EMERGENCY
- U . 2C WRITE EMERGENCY PREPAREDNESS PLAN FOR AN H2S EMERGENCY
- U . 2D ENSURE HOSPITAL & AMBULANCE KNOW HOW TO TREAT H2S EXPOSURE
- U . 3A EVALUATE NEED FOR PORTABLE H2S MONITOR FOR MAINTENANCE ACTIVITY
- U . 3B TRAIN HOW TO USE GRABER EQUIPMENT
- U . 4A POST PUMP ROWS AS NOISE AREAS
- U . 4B ENSURE HEARING PROTECTION IN WORN IN POSTED AREAS
- U . 5A PERFORM ADDITIONAL TRAINING FOR H2S & SO2
- U . 5B HAVE EH & SD PERSON ATTEND IN H2S COURSE
- U . 6A REVISE THERMAL BOOK #2 SECTION 3.1.1
- U . 7A ENSURE GOGGLES ARE WORN WHEN WORKING WITH SULFUR

WA-TEX 005771

WA-TEX005771

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS
MOSBY LOCATIONS

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09/15/82 LAWRENCEVILLE PLANT H.K. FINE
U 7B INCLUDE TEST FOR O2 IN THERMAL ROOM #2 SECTION 9.7.K
U 7C ENSURE SAFETY SHOWERS ARE CHECKED ON EACH SHIFT. EVAL NEEDED FOR SHOWER MOVED AT CAUSTIC UNLOADING
EMPLOY. ADJ. MEXDOX EYEWASH
09/22/82 LAWRENCEVILLE PLANT H.K. FINE
U 1 DETERMINE CAUSE OF OPERATOR HELPER ELEVATED EXPOSURES
U 2 CONDUCT ADDITIONAL DOSIMETRY ONCE CONTROLS OR WORK PROCEDURES ARE CHANGED

06/23/80 LOUISIANA PLANT J.J. HINTON
A 12/15/81 4 INSTALL NEW LABORATORY VENTILATION SYSTEM
09/30/82 LOUISIANA PLANT J.J. HINTON
U 1 WRITTEN PROCEDURE ESTABLISHED FOR RESPONDING TO H2S ALARMS
U 2 INSTALL ROTATING BEACONS AT EACH H2S SENSOR LOCATION
U 3 PERFORM ADDITIONAL MONITORING FOR SO2
10/22/82 LOUISIANA PLANT J.J. HINTON
U 1 INFORM EMPLOYEES OF MONITORING RESULTS (THC, BENZENE & H2S 12-08 THRU 12-16-81)

03/25/81 LOS ANGELES PLANT J.D. WATTS
A W 06/26/81 2 IMPLEMENT IH SAMPLING PLAN
**CONTACT MADE, ACTION TAKEN 06/26/81
C W 06/26/81 7 RE-EVALUATE & ENSURE CONFORMANCE TO TEXACO HEARING
CONSERVATION GUIDELINES

WA-TEX 005772

WA-TEX005772

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS HAZARD LOCATIONS

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03/25/81 LOS ANGELES PLANT J.D. WATTS
**CONTACT MADE, ACTION TAKEN 06/26/81

06/01/82 LOS ANGELES PLANT J.D. WATTS

- A U 1 SAMPLE OTHER CRAFT JOBS TO DETERMINE NOISE EXPOSURE IN SHOP
- C U 2 ADVISE EMPLOYEES TO WEAR EAR PROTECTION WHEN NOISE LEVELS ARE EXPECTED TO EXCEED 90 DBA DURING CERTAIN SHOP TASKS

07/21/82 LOS ANGELES PLANT J.D. WATTS

- C H 1 WRITE A RESPIRATOR-SOP FOR THE SRP, REMOVE CANISTER GAS MASKS, REVIEW INSTRUCTION ON USE OF AIR CAPSULES
- C H 2 POST SRP EMERGENCY ALARM PROCEDURE, PREPARE A WRITTEN CONTINGENCY PLAN FOR EMERGENCIES
- H H 3 REPAIR LAB HOOD IN SRP CONTROL ROOM, RELOCATE HOOD
- C H 4 REVIEW USE OF H2S PERSONAL MONITORS, CALIBRATE AND LOG H2S MONITORS
- C H 5 POST SRP NOISE AREAS IN EXCESS OF 90 DBA, CONTINUE TO FOLLOW AUDIOMETRIC TESTING GUIDELINE
- C H 6 CONTINUE TO TRAIN SRP EMPLOYEES ON HAZARDS OF H2S AND SO2 RESPIRATORY PROTECTION, ETC.

12/15/80 PUGET SOUND PLANT J.D. WATTS

- C H 1A WRITE A SOP
- C H 1B SELECT RESPIRATOR AND IDENTIFY IN SOP
- C W 1C CONTINUE MAINTENANCE & INSPECTION
- C W 1D CONTINUE EMPLOYEE TRAINING
- C H 1E USE ONLY APPROVED RESPIRATORS
- C W 1F VERIFY GRADE D BREATHING AIR
- C W 1G VERIFY CO AND HIGH TEMPERATURE ALARMS ON AIR COMPRESSORS

WA-TEX 005773

WA-TEX005773

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS MMS&T LOCATIONS

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12/15/80 PUGET SOUND PLANT J.D. WATTS

1H CHARGE SCRAS TO RECOMMEND PSIG

2 IMPLEMENT 1H SAMPLING PLAN

3 SCHEDULE 1H SURVEILLANCE COURSE

4 RESTRICTURE MEDICAL SURVEILLANCE FOR ASBESTOS WORKERS

6A NURSE ATTEND REFRESHER COURSE ON AUDIOMETRIC TESTING

6B CONDUCT NOISE DOSIMETRY

6C VERIFY ACCEPTABLE BACKGROUND LEVELS IN AUDIOMETRIC BOOTH

6D POWER DEPT SHOULD REEVALUATE NOISE AREAS

8 INSURE COMPLIANCE WITH INORGANIC LEAD STANDARD

08/27/81 PUGET SOUND PLANT J.W. NISBET

A 10/19/82 3 EVALUATE LOCAL EXHAUST VENTILATION SYSTEM TO DETERMINE

EFFECTIVENESS

**07/18/82 WELD SHOP LOCAL EXHAUST VENTS FOR MIG/TIG AREA HAS BEEN INSTALLED, WELDERS REQUIRED

**TO USE LOCAL EXHAUST IN STICK WELDING AREA

**07/15/82 W.A. ROSENBERG FOLLOWUP WELDING SURVEY TO BE CONDUCTED WINTER 82

**WELDING SURVEY CONDUCTED TO DETERMINE EFFECTIVENESS OF VENT SYSTEM REPORT TO BE WRITTEN

05/06/82 PUGET SOUND PLANT J.D. WATTS

C U 1 RECOMMEND THAT BOTTLEWASHER WEARS GLOVE AND EYE PROTECTION DURING THE DUMPING OF SULFURIC ACID
SAMPLES

03/20/81 BAYONNE TERMINAL A.D. GILLIE

X 1 MEET WITH DAVE ROACH (DEP) FOR POLLUTION CHARACTERIZATION
STUDY-INITIAL-MEETING HELD (FROM JJH)

X 10/15/81 6 EVALUATE EMPLOYEE EXPOSURE TO METALLIZER (FROM JJH)

WA-TEX 005774

WA-TEX005774

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS WAST LOCATIONS

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07/06/81 RAYMOND, TFRMINAL A.D. GILLIE

10/15/81 01 WORK WITH JIM STACKHOUSE ON REDUCING NOISE LEVELS ON
CAMPING LINE PER R.R. MCC'S APPROVAL

X . 02 REPLACE EYEWASH BOTTLES WITH EYEWASH STATIONS

X . 04 INVESTIGATE SUBSTITUTE FOR DULCITE FLOOR CLEANER

X . 05 EMPLOYEES TO WEAR GLOVES DURING RUCKET FILLING OF CRATER
OIL

X . 06 REVIEW AND MONITOR 1,1,1-TRICHLOROETHANE ADDING TO CRATER
OIL

X . 07 CHANGES ON LAB HOODS

X . 09 EMPLOYEE TRAINING ON HANDLING PRECAUTIONS

X 10/15/81 10 WORK WITH TOXICOLOGY ON LOSS OF HAIR AND NAUSFA INVEST.

C . 11 REVIEW MSDS AND MAKE RECOMMENDATIONS CONCERNING

(1) HITEC 9191

(2) ELCO 320

(3) ETHYL ANTIOXIDANT 701

(4) CAPRYLIC ACID

C 10/15/81 12 ASBESTOS REMOVAL IN BOILER HOUSE AND PUMP HOUSE

X . 14 PROTECTIVE EQUIPMENT SHOULD BE ISSUED AND WORN

C . 15 BLENDING AREA

C . 16 DRUM HANDLING SHOULD BE REVIEWED

X . 17 CLEAN-UP AREA AROUND ADDITIVE RAILCAR OFF-LOADING

X . 18 CLEAN-UP LADIES LOCKER ROOM

C . 19 GENERAL RECOMMENDATIONS FOR BUILDING 39

C . 20 CRYSTALLINE ADDITIVES TO BE TRANSPORTED IN CLOSED PAILS

WA-TEX 005775

WA-TEX005775

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS MISSET LOCATIONS

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A.D. GILLIE

HAYONNE TERMINAL

07/06/81

21 INVESTIGATE AIRBORNE CONCENTRATIONS IN BUILDING 4 AND
DRUM STORAGE AREA

22 STEAM AND HOT WATER LEAKS IN BUTLER HOUSE

23 KETTLE SAMPLE COLLECTION

A.D. GILLIE

HAYONNE TERMINAL

05/04/82

1 CAN AND DRUM/PAIL LINE EMPLOYEES SHOULD BE REMONITORED TO FURTHER EVALUATE EMPLOYEE EXPOSURE TO
NOISE

2 THE IHU SHOULD BE CONTACTED TO ARRANGE ENGINEERING CONTROL INVESTIGATION TO REDUCE NOISE LEVELS

WA-TEX 005776

WA-TEX005776

INDUSTRIAL HYGIENE FOLLOW-UP RECOMMENDATIONS MMS&T LOCATIONS

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EXTENDED GLOSSARY OF TERMS

W=RECENT WALK-THROUGH SURVEY RECOMMENDATION OR SPECIAL PROJECT RECOMMENDATION, STATUS PENDING

A RECOMMENDATION HAS BEEN MADE FOLLOWING A WALK-THROUGH SURVEY OR SPECIAL PROJECT BY THE INDUSTRIAL HYGIENE UNIT. THE OPERATING DEPARTMENT HAS RESPONSIBILITY FOR FOLLOW-UP ON THE RECOMMENDATION AND WILL PERIODICALLY NOTIFY THE INDUSTRIAL HYGIENE UNIT - HOUSTON OF RECOMMENDATION STATUS. IN THE CASE OF TEXACO USA - MMS&T, ALL FOLLOW-UP CORRESPONDENCE WILL BE HANDLED BY MMS&T HEADQUARTERS - HOUSTON.

U=RECENT ROUTINE RECOMMENDATION, FOLLOW-UP PENDING

A RECOMMENDATION HAS BEEN MADE IN A ROUTINE INDUSTRIAL HYGIENE REPORT AND FOLLOW-UP THROUGH THE ESTABLISHED MANAGEMENT STRUCTURE HAS NOT BEEN COMPLETED. FOR TEXACO USA - MMS&T, ALL FOLLOW-UP CORRESPONDENCE WILL BE HANDLED BY MMS&T HEADQUARTERS - HOUSTON.

N=RECOMMENDATION UNDER CONSIDERATION

THE RESD INDUSTRIAL HYGIENE UNIT - HOUSTON IS CONSULTING WITH THE OPERATING DEPARTMENT MANAGEMENT ABOUT FORMULATING A RECOMMENDATION. THE OBJECT OF THIS CONSULTATION IS TO DETERMINE THE NEED FOR A RECOMMENDATION AND TO DEVELOP FEASIBLE RECOMMENDATIONS TO ACHIEVE HEALTH AND SAFETY BENEFITS IN CASES WITHOUT GOVERNMENT OR GENERALLY ACCEPTED INDUSTRY STANDARDS.

A=STATUS REPORT, ACTION INITIATED

THE OPERATING DEPARTMENT HAS BEGUN ACTION ON A RECOMMENDATION.

C=ACTION COMPLETED, SEE COMMENT

THE COMMENT WILL REFERENCE COMMUNICATION THAT VERIFIES ACTION ON THE RECOMMENDATION. IN THE CASE OF TEXACO USA - MMS&T, MMS&T HEADQUARTERS - HOUSTON WILL PROVIDE THE INDUSTRIAL HYGIENE UNIT - HOUSTON WITH THE COMMUNICATION REFERENCE.

X=RECOMMENDATION CLOSED, SEE COMMENT

THE COMMENT WILL EXPLAIN WHY ACTION WAS NOT TAKEN OR COMPLETED ON A RECOMMENDATION, REFERENCE CORRESPONDENCE AND INDIVIDUALS INVOLVED (E.G., PLANT CLOSING MAKES THE COMPLETION OF RECOMMENDATION UNNECESSARY OR A NEW RECOMMENDATION HAS BEEN WRITTEN AFTER REVIEW TO MEET THE HEALTH AND SAFETY OBJECTIVE OR CHANGED CIRCUMSTANCES).