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INCOMING
TELEGRAMSK12 8844 14.38 89/26/77
CR61 8885 14.39 89/26/77CHEVRON U.S.A.
(EL PASO, TEXAS)

TLX-6 9/26/77 3:58 PM MDT

MR W MAUNSCILD
CRC RICHMONDSHIPPED TO YOU VIA FEC 9/26/77 ONE GAL EACH OF F.C.C. REGEN CAT
AND FINES FOR YCTU ACTIVITY TESTING AND PARTICLE SIZE DIST.
PLEASE REPORT RESULTS TO N D LEVIS, EL PASO.N D LEVIS/PJO
EL PASO

:r1r 14.39 9-26-77

RPSieg-1
RUFlanders-1
CRBody-1
WMAunscild-1
File-2

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AM0114697

CRR-909 (500-2-62)

1112604

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L W HOLLEBEKE
EL PASO REF'Y

From

C L KYLLONEN
EH & S S.F.

Our File 121 CUSA
MFG
EL PASO Your File

Subject QC LAB TRANSITE STUDY

Date

5-21 19

WAYNE: ATTACHED ARE SAMPLE RESULTS OF ADM'S ASBESTOS INVESTIGATION. MITCH CHOSE TO SAMPLE WITHIN THE BREATHING ZONES OF TWO TECH HELPERS DURING ROUTINE WORK ACTIVITIES. NO ASBESTOS FIBERS WERE DETECTED UPON ANALYSIS OF THE FILTER CASSETTES. BOB REINHART, OUR LAB TECHNICIAN, IS FORWARDING THESE SAME RESULTS DIRECTLY TO MITCH UNDER SEPARATE COVER. MITCH IS APPARENTLY WILLING TO SAMPLE AT A FIXED LOCATION IMMEDIATELY BENEATH A CEILING LOUVER (AS WAS ORIGINALLY PROPOSED) UPON HIS RETURN FROM VACATION. CALL ME, AND WE CAN DISCUSS ANY PROPOSED ADDITIONAL SAMPLING, IF NECESSARY OR APPROPRIATE.

Signed

An immediate reply will help finalize this matter.

Reply

Date

19

CC: NCZ

Signed

Printed in U.S.A.

GO-144-C (OS-)

Originator - Retain yellow copy. Forward white and pink (with carbon attached). Addressee - Please return white copy with your reply.

②

CHEV
BB 0010100

EAL Corporation

2030 Wright Avenue
Richmond, California 94804
(415) 235-2633
(TWX) 910-382-8132

TE Thermo
Electron
CORPORATION

RJR
5-20 82

ANALYSIS REPORT

Customer Standard Oil of California
225 Bush Street - Room 1324
San Francisco, CA 94104

Attention: R.J. Reinhart

Date: 5/17/82

Samples Received: 5/11/82

EAL W. O. No. 470172-37-440

Purchase Order No.: SCMED115312X

BATCH NO. ADM 82-01

SAMPLE IDENTIFICATION		ASBESTOS FIBER COUNT			VOLUME
EAL	CUSTOMER	Fibers/100 Fields	Fibers/Filter	Fibers/cc	(L)
37-440-1	AA-1	<1	$<6.58 \times 10^2$	<0.0037	180
37-440-2	AA-2	<1	$<6.58 \times 10^2$	<0.0037	180
37-440-3	AA-10 Blank	<1	$<6.58 \times 10^2$	---	---

Analysis by phase contrast microscopy per NIOSH P&CAM 239.

JB/dss

CHEV
BB 0010101

Jeffrey Brown
Jeffrey Brown
Program Manager

APPENDIX I

ASBESTOS MONITORING RESULTSMARCH 26, 1986

<u>Employee or Location</u>	<u>Employee Number</u>	<u>Exposure Time (min)</u>	<u>Result (f/cc)</u>	<u>8-hour TWA (f/cc)</u>
		60	2.9 > 5 μ	0.3625 > 5 μ
Tool Room (Back Wall Position 3)	----	59	0.33 > 5 μ	0.04 > 5 μ
Tool Room (Top Tool Cabinet Position 2)	----	60	0.14 > 5 μ	0.02 > 5 μ
Tool Room (10' from Table Position 1)	----	60	0.059 > 5 μ	0.007 > 5 μ
Warehouse Between Row 6 and 7	----	330	0.013 > 5 μ	0.013 > 5 μ

Exposure Limits

American Conference of Governmental Industrial Hygienist 8-hour TWA = 0.2 f/cc > 5 μ
based on Crocidolite

OSHA Permissible Exposure Limit = 2 f/cc > 5 μ , Action Level = 0.1 f/cc > 5 μ ,
8-hour TWA.

APPENDIX II

SUMMARY OF HOOD CONDITIONS

<u>Hood Location</u>	<u>Number</u>	<u>Average Face Velocity</u>
Water Lab	1	(lfm)
	2	49
	3	55
	Canopy	-
Chem Section	1	116
	2	134
	3	121
	4	50
	5	108
	6	107
	7	70
	8	78
	Small Canopy	75
	Large Canopy	120
Chromotograph Room	Canopy	54
Asphalt Lab	1	-
	2	-
	Canopy	55
Octane Lab	Lead Hood	48

APPENDIX III

MICROWAVE OVEN STATUS

<u>OVEN</u>	<u>LOCATION</u>	<u>MECHANICAL* STATUS</u>	<u>SANITATION CONDITIONS</u>
Toshiba 2001860	GC Lab	OK	Fair
Magic Chef NSN	Asphalt Lab	OK	Fair
Magic Chef NSN	Coffee Room	OK	Dirty
Magic Chef NSN	South Alky Unit	OK	Dirty
Magic Chef NSN	Maintenance	OK	Dirty
Magic Chef NSN	Tool Room	OK	Dirty
Magic Chef NSN	Alky Unit	OK	Fair
Magic Chef NSN	Old Crude Unit	OK	Fair
Magic Chef NSN	FCC Control	OK	Fair

*Mechanical status OK means:

1. Door straight and free of signs of warping.
2. Hinges solidly anchored and give door minimum free play.
3. Seal areas are clean and not pitted. Door fit is "snug."
4. There are indications of two operating interlocks that do not appear to be bypassed.
5. Interlocks shut off oven before door can be opened.
6. Oven heats water.

APPENDIX IV
OIL MIST MONITORING RESULTS

March 27, 1986.

<u>Employee</u>	<u>Employee Number</u>	<u>Operation</u>	<u>Time Exposed (Min.)</u>	<u>Result (mg/m³)</u>	<u>8 hr TWA (mg/m³)</u>	<u>STEL (mg/m³)</u>
V. M. Suriano	453-84-7078	Loading Asphalt Trucks	85	0.495	-	-

Exposure Limits

American Conference of Industrial Hygienist Threshold Limit Value 8-hour TWA = 5 ppm,
STEL = 10 ppm.

CHEV
BB 0010113

SUMMARY

ESTIMATE NUMBER OF SAMPLES/ACTIONS

<u>Agent of Exposure</u>	<u>Number of Samples/Actions</u>
Asbestos	~16
Arsenic	4 - 13
Inorganic Lead	1
Organic Lead	3 - 5
Aromatic Hydrocarbons	~40
H ₂ S	6 - 8
Welding Fumes	4 - 6
Local Exhaust Ventilation	57
Microwave Ovens	12
Nuclear Radiation	4