

ASARCO

PLAINTIFF'S EXHIBIT

ASA-862

March 16, 1998

Ms. Peggy Munsell
EL PASO PLANT

Find attached the asbestos fiber counts for the industrial hygiene samples dated February 23, through February 27, 1998. The laboratory received the samples on March 6, 1998.

These results were expedited and tele-faxed to you on March 16, 1998.

The samples were analyzed in accordance with NIOSH 7400 method, fourth revision, (8/94).

Please note, cassette B, collected 2/23/98 for "Alvarez", the results may be suspect due to heavy 'black' non-fibrous particulate on the filter. Cassette R-B, collected 2/24/98 for "Nevarez", the results may be suspect as well. The filter of this sample had been pushed down into the bottom of the cassette and some sample collection took place on the filter back-up pad.

Cassettes P, collected on 2/23/98 for "Rebeles" and cassette D-1, collected 2/26/98 for "Alvarez" were not analyzed due to excessive 'black' non-fibrous particulate on filter.

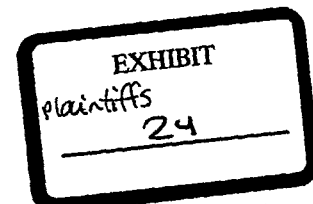
Sincerely,



Jodie Haynes
Laboratory Technician

JCH
Attach.

cc: SGCothrin (w/attach.)
GRStanga "



Sent out
3/2/98

ASBESTOS REMOVAL FORM

Date of operation/maintenance (O&M) procedure: 2-23-98
Employee name Reboles payroll number 2613
Department where Asbestos is to be removed Zinc PLT.
Location of O&M procedure: " "
Type of material to be removed: _____
Amount of Asbestos removed (sq. feet or linear feet): 500 Lin ft Kiln
Friable or non-friable Non-friable
Comments: _____

Tyvek
Full Face
Wet Methods

Please return to the Industrial Hygiene Department

590

Air monitoring: 2.01 Pre-calibration
2.03 Post calibration

407 mm.

P

ASBESTOS REMOVAL FORM

Date of operation/maintenance (O&M) procedure: 2/23/98
Employee name C. M. Lopez - NIAPEZ payroll number 1535
Department where Asbestos is to be removed Zinc Plt.
Location of O&M procedure: " "
Type of material to be removed: _____
Amount of Asbestos removed (sq. feet or linear feet): 500 Lin ft.
Friable or non-friable Non-Friable
Comments: _____

Tyvek
Full Face
Wet Method

Please return to the Industrial Hygiene Department

Air monitoring:

1.99 Pre-calibration
2.05 Post calibration

59°

398 micron

B

ASBESTOS REMOVAL FORM

Date of operation/maintenance (O&M) procedure 2-24-98

Employee name(s)

1.	<u>D. Rebeles</u>	PR# <u>2613</u>	Pump <u>Z-B</u>	Pre/Post <u>2.04-2.05</u>	<u>412-in</u>
2.	<u>Alvarez, Ruben</u>	PR# <u>952</u>	Pump <u>R-B</u>	Pre/Post <u>2.03-2.05</u>	<u>411-in</u>
3.	<u>Alvarez, Lupe</u>	PR# <u>1535</u>	Pump <u>U-B</u>	Pre/Post <u>2.04-2.03</u>	<u>412-in</u>
4.		PR#	Pump	Pre/Post	

Department where asbestos is being removed: Zinc PLT
Equipment (pipe, flue, elbow, etc.) name: Control Room Kln

Type of material (insulation, mastic, transite): Transite
Amount of material removed (square, cubic, linear): 600 sq ft
Friable or non-friable: Non -

PPE

☐ Half Mask
☒ Full Face
☐ Other Respirator Type _____
☒ Tyvex _____
☐ Other _____

Removal Methods

☒ Wet Methods
☐ Glove Bag
☐ Other _____
☐ Other _____

Comments: _____

57°

ASBESTOS REMOVAL FORM

Date of operation/maintenance (O&M) procedure 2-25-98

Employee name(s)

1.	<u>Reheles, David</u>	<u>420</u>	PR# <u>2613</u>	Pump <u>Q-A</u>	Pre/Post <u>2.00 - 2.03</u>
2.	<u>Nevoicz, Robert</u>	<u>422</u>	PR# <u>952</u>	Pump <u>13-A</u>	Pre/Post <u>2.03 - 2.04</u>
3.	<u>Alvarez, Lupe</u>	<u>418 min.</u>	PR# <u>1535</u>	Pump <u>12-A</u>	Pre/Post <u>2.03 - 2.02</u>
4.			PR#	Pump	Pre/Post

Department where asbestos is being removed: ZINC PLANT
Equipment (pipe, flue, elbow, etc.) name: CONTROL ROOM

Type of material (insulation, mastic, transite): TRANSITE
Amount of material removed (square, cubic, linear): 600 Lin ft.
Friable or non-friable: NON-FRIABLE

PPE

☐ Half Mask
☒ Full Face
☐ Other Respirator Type _____
☒ Tyvex _____
☐ Other _____

Removal Methods

☒ Wet Methods
☐ Glove Bag
☐ Other _____
☐ Other _____

Comments: _____

55°

ASBESTOS REMOVAL FORM

Date of operation/maintenance (O&M) procedure 2/26/98

Employee name(s)

bagging
zinc
plant

1.	<u>D. Rebeles</u>	<u>Post 2.05</u>	PR# <u>2613</u>	Pump <u>R</u>	Pre/Post <u>2.01</u>	<u>380 min</u>
2.	<u>R. Nevarez</u>	<u>Post 2.05</u>	PR# <u>952</u>	Pump <u>F</u>	Pre/Post <u>2.04</u>	<u>379 min.</u>
3.	<u>L. Alvarez</u>	<u>Post 2.05</u>	PR# <u>1535</u>	Pump <u>D</u>	Pre/Post <u>2.02</u>	<u>404 min</u>
4.			PR#	Pump	Pre/Post	

Department where asbestos is being removed: Zinc Plant

Equipment (pipe, flue, elbow, etc.) name: ~~Auto Duct~~ Electrical office

Type of material (insulation, mastic, transite): transite wall board

Amount of material removed (square, cubic, linear): _____

Friable or non-friable: _____

PPE

☐ Half Mask
☒ Full Face
☐ Other Respirator Type _____
☒ Tyvex _____
☐ Other _____

Removal Methods

☒ Wet Methods
☐ Glove Bag
☐ Other _____
☐ Other _____

Comments: #2613 David R. Prep work at electrical office @ zinc
#952, #1535 bagging asbestos debris @ zinc plant

540

ASBESTOS REMOVAL FORM

Date of operation/maintenance (O&M) procedure 2/27/98

Employee name(s)

1. AE David Rebeles	PR# <u>2013</u>	Pump <u>P-1</u>	Pre/Post <u>2.00-2.02</u>	<u>243</u>
2. <u>R. Nevarez</u>	PR# <u>952</u>	Pump <u>B-1</u>	Pre/Post <u>2.02-2.05</u>	<u>465</u>
3. <u>L. Alvarez</u>	PR# <u>1035</u>	Pump <u>G-1</u>	Pre/Post <u>2.00-2.02</u>	<u>345</u>
4. _____	PR# _____	Pump _____	Pre/Post _____	

Department where asbestos is being removed: Zinc Plant
Equipment (pipe, flue, elbow, etc.) name: Control Room (Electrical)

Type of material (insulation, mastic, transite): Wall Board
Amount of material removed (square, cubic, linear): _____
Friable or non-friable: _____

PPE

☐ Half Mask
☒ Full Face
☐ Other Respirator Type _____
☐ Tyvex _____
☐ Other _____

Removal Methods

☒ Wet Methods
☐ Glove Bag
☐ Other _____
☐ Other _____

Comments: _____

53°