

ASARCO

PLAINTIFF'S EXHIBIT

ASA-855

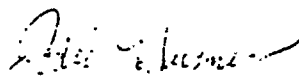
Technical Services Center
R.A. Peterson, Director
D.E. Holt, Engineering Manager
J.B. Richardson, Environmental Sciences
M.G. King, Research Manager

September 8, 1995
EP.12.6

Ms. Peggy Munsell
EL PASO PLANT

Please find attached the fiber counts for the industrial hygiene samples dated April 18, through August 22, 1995. Please note, your cassette collected July 29, 1995 was submitted with an invalid job code.

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



Jodie Haynes
Laboratory Technician

JCH
Attach.

cc: SGCothrin (w/attach.)
GRStanga "

EXHIBIT

plaintiffs

17

ASARCO Inc.
EL PASO
Personal Monitor Sampling Results
(For Company Use Only)

		1995 Sampling			
Name (S. S. Number) (Cassette)	Job Title (Resp. Type) (Start Time)	Date (# Min)	Analysis	Conc'n (mg/m3)	Foot- notes
General					
Munsell 1845001 517581939	Administrative 0 730 N	7/29 415	ASB	0.058	
	CALCULATED TWA EXPOSURE	7/29 480	ASB	0.05	
Mechanical\Maint.					
Romero, Jr. 1845002 462728516	Insulator 0 730 N	7/29 410	ASB	0.052	
	CALCULATED TWA EXPOSURE	7/29 480	ASB	0.045	
Romero, Jr. 1845004 462728516	Insulator 0 735 N	8/ ¹² / ₅ 469	ASB	0.02	
	CALCULATED TWA EXPOSURE	8/ ¹² / ₅ 480	ASB	0.02	
Romero, Jr. 1845005 462728516	Insulator 0 720 N	8/ ¹³ / ₆ 425	ASB	0.011	
	CALCULATED TWA EXPOSURE	8/ ¹³ / ₆ 480	ASB	0.0098	
Power House					
Moseley 1845003 525842163	Power House Operator 0 715 N	8/ 4 437	ASB	0.039	
	CALCULATED TWA EXPOSURE	8/ 4 480	ASB	0.035	

ASARCO Inc.

OSHA Limits (in mg/m3 except as noted)				
Element	Permissible Exposure Level	Action Level	Short Term Exposure Level	Ceiling
ASB(asbestos) as ASB	0.100	0.100	1.0	

ASARCO Inc.
EL PASO
Stationary Sampler Results
(For Company Use Only)

Sample Location	1995 Date (Time)	# of Min.	Analysis	Conc'n (mg/m3)	Foot- notes
<u>Office</u>					
Lobby Entrance 1844007	8/14 715	459	ASB	<0.003	
<u>Laboratory</u>					
Restroom 1844001	7/18 724	491	ASB	<0.0028	
<u>Power House</u>					
#3 East End Mid Floor Near Off. 1844005	8/ 4 715	500	ASB	<0.0027	
#5 Upper Floor Near Main Off. 1844006	8/ 4 715	455	ASB	<0.003	
#4 North End Basement 1844002	8/ 4 720	505	ASB	<0.0026	
#2 South End Basement 1844003	8/ 4 725	490	ASB	<0.0028	
#1 South End Upper Floor 1844004	8/ 4 730	425	ASB	<0.0032	

OSHA Limits (in mg/m3 except as noted)				
Element	Permissible Exposure Level	Action Level	Short Term Exposure Level	Ceiling
ASB(asbestos) as ASB	0.100	0.100	1.0	

ASARCO TECHNICAL SERVICES CENTER

ANALYTICAL DATA REPORT

El Paso

Industrial Hygiene (OSHA) (Project 3211)

Batch No: L951844

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNIT	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L951844-8	22-AUG-95	Blank	ASB	<2.7	FIB/F/1000	JCH	07-SEP-95		NIOSH 7400
L951844-9	22-AUG-95	Blank	ASB	<2.7	FIB/F/1000	JCH	07-SEP-95		NIOSH 7400

[Signature]
Approved

[Signature]
Reviewer

ASARCO TECHNICAL SERVICES CENTER
ANALYTICAL DATA REPORT

E1 Paso

Technical Services (Project 3201)

Batch No: L951903

LAB NO.	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE		HOLD DATE	METHOD
							ANALYZED	RECEIVED		
L951903-1	30-AUG-95	FLANGE GASKET-O/ Antimony Plant	Sb Department Piping							
			ANOSTE	ND	X	UCD	05-SEP-95			EPA-600/M4-82-020
			ANTHOP	ND	X	UCD	05-SEP-95			EPA-600/M4-82-020
			CHRS	70	X	UCD	05-SEP-95			EPA-600/M4-82-020
			CHOCID	ND	X	UCD	05-SEP-95			EPA-600/M4-82-020
			TREN/ACT	ND	X	UCD	05-SEP-95			EPA-600/M4-82-020

 Approved

 Reviewer

WILLARD C. DIXON

DIXON INFORMATION INC.

MICROSCOPY, ASBESTOS ANALYSIS & CONSULTING

A.I.H.A. ACCREDITED LABORATORY #10847

NVLAP CODE 1012

September 5, 1995

Mr. Jodie Haynes
ASARCO
3422 South 700 West
Salt Lake City, Utah 84119

Ref: Batch #32172, Lab #A20775
Received September 1, 1995
P.O. # B094-1681
Bulk asbestos sample

Dear Mr. Haynes:

Sample A20775 has been analyzed by visual estimation based on EPA-600/M4-82-020 Dec. 1982 optical microscopy test method including phase contrast, polarized light, dispersion staining, and stereo microscopy.

If this sample is related to a demolition or is subject to NESHAPS 40CFR part 61 regulations, these regulations mandate that any sample containing less than 1% asbestos must be analyzed by point count. If asbestos is reported to be between 1% and 10%, see EPA "Clarification of asbestos NESHAP requirements to perform point counting." (Copy available.)

This report relates only to the items tested. This report must not be used to claim product endorsement by the NVLAP, the National Institute of Standards and Technology, or any agency of the U. S. Government. The results of analysis are as follows:

Lab A20775, Field L951903-1 Bulk asbestos sample

This is 70% chrysotile asbestos in gray binder with rust and sand.

Very truly yours,

Willard C. Dixon

Willard C. Dixon

Analyst: Marilyn Deem

Marilyn Deem

Analyst: Steve H. Dixon

Steve H. Dixon

Date: September 5, 1995

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