

ASARCO

PLAINTIFF'S EXHIBIT

ASA-1510

February 13, 1996

Ms. Peggy Munsell
EL PASO PLANT

Please find attached the analytical results for the bulk asbestos samples collected 01/22/96 under Project No. ASB 196.

The bulk asbestos have been analyzed by visual estimation based on EPA-600/M4-82-020 (Dec. 1982) optical microscopy test method.

I can be reached at Ext. 240 if you have any questions or comments.



T.J. Jacobi
Chemist

cc: SGCothrin (w/attach.)
GRStanga "



ASARCO TECHNICAL SERVICES CENTER
ANALYTICAL DATA REPORT
El Paso
Industrial Hygiene (OSHA) (Project 3211)
Batch No: L960213

LAB NO	DATE COLLECTED	DESCRIPTION	PARAMETER	VALUE	UNITS	ANALYST	DATE ANALYZED	HOLD DAYS	METHOD
L960213-1	22-JAN-96	CO-03 Baghouse Siding	AMOSTE ANTHOP CHRYIS CROCIO TREM/ACT	ND ND 25 ND ND	% % % % %	WCD	01-FEB-96	600/H4-82-020	
L960213-2	22-JAN-96	Zn-10 Baghouse Roofing Panel	AMOSTE ANTHOP CHRYIS CROCIO TREM/ACT	ND ND ND ND ND	% % % % %	WCD	01-FEB-96	600/H4-82-020	
L960213-3	22-JAN-96	Zn-11 Wall Substation	AMOSTE ANTHOP CHRYIS CROCIO TREM/ACT	ND ND 20 ND ND	% % % % %	WCD	01-FEB-96	600/H4-82-020	
L960213-4	22-JAN-96	Zn-13 Baghouse Roofing Material	AMOSTE ANTHOP CHRYIS CROCIO TREM/ACT	ND ND ND ND ND	% % % % %	WCD	01-FEB-96	600/H4-82-020	
L960213-5	22-JAN-96	CIT-01 Converter Cott.Hopper	AMOSTE ANTHOP CHRYIS CROCIO TREM/ACT	ND ND 16 ND ND	% % % % %	WCD	01-FEB-96	600/H4-82-020	
L960213-6	22-JAN-96	RVB-18 3"Pipe S.Side	AMOSTE ANTHOP CHRYIS CROCIO TREM/ACT	20 ND 1 ND ND	% % % % %	WCD	01-FEB-96	600/H4-82-020	
L960213-7	22-JAN-96	LD-01 Mud Insul.	AMOSTE ANTHOP CHRYIS	ND ND ND	% % %	WCD	01-FEB-96	600/H4-82-020	

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L960213-7	22-JAN-96	LD-01 Mud Insul.	CROCID TREN/ACT	ND ND	% %	WCD WCD	01-FEB-96 01-FEB-96		600/M4-82-020 600/M4-82-020
L960213-8	22-JAN-96	LD-03 Brick/Motor	ANOSTE ANTHOP CHRYD CROCID TREN/ACT	ND ND ND ND ND	% % % % %	WCD WCD WCD WCD WCD	01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96		600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020
L960213-9	22-JAN-96	LD-04 Pipe Insol.	ANOSTE ANTHOP CHRYD CROCID TREN/ACT	ND ND ND ND ND	% % % % %	WCD WCD WCD WCD WCD	01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96		600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020
L960213-10	22-JAN-96	LD-05 Hood Insol.	ANOSTE ANTHOP CHRYD CROCID TREN/ACT	ND ND ND ND ND	% % % % %	WCD WCD WCD WCD WCD	01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96		600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020
L960213-11	22-JAN-96	LD-06 Fan Gasket	ANOSTE ANTHOP CHRYD CROCID TREN/ACT	ND ND ND ND ND	% % % % %	WCD WCD WCD WCD WCD	01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96		600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020
L960213-12	22-JAN-96	LD-09 Fan Gasket	ANOSTE ANTHOP CHRYD CROCID TREN/ACT	ND ND ND ND ND	% % % % %	WCD WCD WCD WCD WCD	01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96		600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020
L960213-13	22-JAN-96	SMT-02 Gasket	ANOSTE ANTHOP CHRYD CROCID TREN/ACT	ND ND ND ND ND	% % % % %	WCD WCD WCD WCD WCD	01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96		600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020 600/M4-82-020

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E1 Paso

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L960213-14	22-JAN-96	SMT-01 Expansion Gasket	AMOSTE ANTHOP CHRYD CROCIO TREN/ACT	ND ND 70 ND ND	X X X X X	WCD	01-FEB-96		600/M4-82-020
L960213-15	22-JAN-96	SMT-07 Roofing Tar	AMOSTE ANTHOP CHRYD CROCIO TREN/ACT	ND ND ND ND ND	X X X X X	WCD	01-FEB-96		600/M4-82-020
L960213-16	22-JAN-96	SMT-06 Boiler Mud	AMOSTE ANTHOP CHRYD CROCIO TREN/ACT	ND ND ND ND ND	X X X X X	WCD	01-FEB-96		600/M4-82-020
L960213-17	22-JAN-96	SMT-08 Brick/Motor	AMOSTE ANTHOP CHRYD CROCIO TREN/ACT	ND ND ND ND ND	X X X X X	WCD	01-FEB-96		600/M4-82-020
L960213-18	22-JAN-96	RVB-19 Brick/Motor	AMOSTE ANTHOP CHRYD CROCIO TREN/ACT	ND ND ND ND ND	X X X X X	WCD	01-FEB-96		600/M4-82-020
L960213-19	22-JAN-96	RVB-20 Fl. Insof. Mud	AMOSTE ANTHOP CHRYD CROCIO TREN/ACT	ND ND ND ND ND	X X X X X	WCD	01-FEB-96		600/M4-82-020
L960213-20	22-JAN-96	RVB-21 Baghouse Seam Reinfo.	AMOSTE ANTHOP CHRYD	ND ND 18	X X X	WCD	01-FEB-96		600/M4-82-020

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L960213-20	22-JAN-96	RVB-21 Baghouse Seam Reinfo.	CROCID TREM/ACT	ND ND	% %	WCD WCD	01-FEB-96 01-FEB-96		600/HA-82-020 600/HA-82-020
L960213-21	22-JAN-96	RVB-22 Mud Inso1.	AMOSTE ANTHOP CHRY5 CROCID TREM/ACT	ND ND ND ND ND	% % % % %	WCD WCD WCD WCD WCD	01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96 01-FEB-96		600/HA-82-020 600/HA-82-020 600/HA-82-020 600/HA-82-020 600/HA-82-020

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Approved
[Signature]
Reviewer