



Armco Steel Corporation



May 25, 1978

TO: Stan McWhirt
FROM: Rick Schmidt
SUBJECT: Asbestos Sampling - Wide Flange Sub-Station

The attached letter contains the results of the survey I made at the Wide Flange Mill Sub-station. In all cases but two, the Shop Electrician's exposure exceeded the O.S.H.A. standard of two fibers/ml. In one case, the employees exposure was almost 20 times the standard, and at 10 times the standard, special respirators are required.

We have complied with the section on reducing exposure by requiring the employees to wear disposable clothing and respirators, but we still have not scheduled the employees for their physical exams. Ray Lambricht will be contacting you about scheduling these employees.

Also, before this job is done again, I would like to know if it is economically feasible for this job to be done by a contractor.

Rick Schmidt

mgw

xc: J. H. Brown
E. B. Huber
M. R. Lambricht

ARM 919

ARM000050

May 25, 1978

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mgw

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E. B. Huber
M. R. Lambricht

ARM 914

ARM000045



INDUSTRIAL HYGIENE
AIR CONTAMINANT SURVEY DATA SHEET

DISTRIBUTION LIST:
Research & Tech.
Corp. Safety & Ind. Hygiene
Other

1. PLANT <i>Houston Works</i>	3. SURVEY NO. <i>26</i>
2. DIVISION <i>Steel</i>	4. DATE <i>3-22-78</i>
5. SURVEY LOCATION <i>Wide Flange Mill Sub-station</i>	

6. PROJECT ORIGINATION (Check appropriate block/s)	7. ADDITIONAL SURVEY INFORMATION (To aid in setting priorities)
A. ☐ Govt. Inspect/Citation B. ☐ Dept. Health Hazard Appraisal C. ☐ Employee Complaint D. ☒ Management Request E. ☐ Employee Accident/Illness F. ☐ New Installation Inspection	G. ☐ Experimental Process H. ☐ Material Safety Data Sheet Program I. ☒ Resurvey (Check Other Blocks When Appropriate) J. ☐ Other (Specify) _____

8. DESCRIPTION OF PROCESS (Include information concerning chemicals, solution concentrations, raw materials, solvents, additives, reactions, by-products, processes, temperatures, alloys, wastes, etc. Note pertinent atmospheric conditions. List known air contaminants.)

9. SKETCH AREA SAMPLED
(If more space is needed, use additional paper and attach to this sheet)

Area Samples
H296 & H297

10. SUBJECTIVE IMPRESSION

A. ☐ Distinctive Odor
B. ☐ Smokey - Hazy
C. ☐ Fog - Mist
D. ☐ Eye Irritation
E. ☐ Other Factors (Specify Below)
Descriptive Remarks

11. COPY LIST FOR ANALYTICAL REPORT

C.W. Simpson
E.B. Huber

ARM 915

12. PERFORMED BY: *Richard Schmidt*

Date Samples: Sent for Analysis / /
Received in Laboratory / /

Date Analytical Results Received: / /
 / /
 / /

SAMPLE DATA

SURVEY NO. 26

PAGE 1 OF 2

A SAMPLE NO.	B EMPLOYEE NAME	D SAMPLE TYPE (Check appropriate blocks)					E EMPLOYEE I.D. NO.	F PUMP OR ORIFICE NO.	H TOTAL TIME (MIN)	I STOP	J DAY/MO.	ANALYSES REQUESTED / RESULTS		
		PERSONNEL	AREA	RESPIRABLE	TOTAL	IMPINGED						BUBBLED	K	M
290	Doyle Hibler	✓					✓	B1	-	-	3-21	K		O
	Shop Electrician	E					12592	2.0	8		16	L		P
291	Stephen Ramsden	✓					✓	B2	-	-	3-21	K		O
	Shop Electrician	E					3165	2.0	8		16	L		P
292	Doyle Hibler	✓					✓	B1	-	-	3-21	K		O
	Shop Electrician	E					12592	2.0	4 1/2		9	L		P
293	Stephen Ramsden	✓					✓	B2	-	-	3-21	K		O
	Shop Electrician	E					3165	2.0	4 1/2		9	L		P
294	Doyle Hibler	✓					✓	B1	-	-	3-21	K		O
	Shop Electrician	E					12592	2.0	14		28	L		P
295	Stephen Ramsden	✓					✓	B2	-	-	3-21	K		O
	Shop Electrician	E					3165	2.0	14		28	L		P
296	6 feet from source	E					✓	B1	-	-	3-21	K		O
								2.0	14		28	L		P
297	15 feet from source	E					✓	B2	-	-	3-21	K		O
								2.0	14		28	L		P

Date Samples: Sent for Analysis 1/1 / 1 / 1 Date Analytical Results Received: 1/1 / 1 / 1

Received in Laboratory 1/1 / 1 / 1 phone 1/1 / 1 / 1

ARM 917