



Interorganization Correspondence

84-29

PLAINTIFF'S
EXHIBIT
USX-162

To: Mr. R. E. Cary

Date: April 13, 1984

From: R. H. Deibert

Subject: Asbestos Content of
Insulation Materials-
Sheet and Tin Mill Areas

This report gives the results of a survey made to determine the asbestos content of insulation materials in sheet and tin areas of the Primary and Flat Rolled Division. The samples were collected in late January and February, 1984. The survey was prompted by OSHA activity and Corporate Safety concern; asbestos is becoming increasingly recognized as a cancer producing agent.

The results, given in detail in the table attached, can be summarized as follows: of 20 insulation samples analyzed by our Pittsburgh laboratory, 16 were found to contain large amounts of asbestos.

In view of these results, we recommend the following:

1. All pipe insulation and other similar insulation should be assumed to contain asbestos unless tested and found otherwise.
2. If asbestos material must be handled, precautionary measures must be followed. See the OSHA Asbestos Standard and our Fairfield Safety and Health Policy.
3. The asbestos-containing pipe insulation currently in storage should be removed from the Q-BOP construction storehouse, Sheet Mill (Sample No. 21 and 22), and disposed of in a manner which complies with OSHA and EPA regulations.
4. Asbestos-containing insulation in place within the mill should be replaced with non-asbestos substitutes as soon as practicable.

We will provide additional material testing and air monitoring services as required. Results of a similar survey in the Primary-Hot Strip Mill area will be given in another report.

A handwritten signature in cursive script, appearing to read 'R. H. Deibert'.

Copy to: Mr. S. W. Menzel, Jr.
Mr. D. E. Carothers
Mr. G. A. Allamel

USHO 017576

ENVIRONMENTAL HEALTH
SAMPLE NO.

DESCRIPTION

RESULTS

3	No. 4 Pickle Line, east side north end, at No. 1 acid tank, insulation off of steam pipe leading to Bliss Mill (90 ft. south of Bliss Mill; 15 ft. west of column 14B).	No Asbestos
4	No. 4 Pickle Line, east side, insulation off of steam line (10 ft. north of column B9).	No Asbestos
5	No. 4 Pickle Line, east side, insulation off of steam line (4 ft. north of column B9).	No Asbestos
6	No. 4 Pickle Line, east side, insulation off of steam line for hot water rinse section (15 ft. west of column B53).	50% amosite asbestos; 5-10% chrysotile asbestos
7	No. 4 Pickle Line, Delivery Hydraulic Basement, south end, east side, insulation off of steam line leading to coating oil tank.	50% amosite asbestos; 10-25% chrysotile asbestos
8	No. 4 Pickle Line, west wall, "foam plastic" insulation off of oil storage tank (next to column AB-1; tank to be relocated in future).	No Asbestos
9R	Acid storage tanks courtyard, machine shop wall, opposite east storage tank, insulation off of steam line.	30-40% amosite asbestos
10	No. 3 Tandem Mill, first column southeast of mill, insulation off of steam line.	50% amosite and chrysotile asbestos in equal proportion
11	Cold Reduction Roll Shop, insulation off of overhead steam line (at column F-35).	50% chrysotile asbestos; 25-40% amosite asbestos
12	No. 4 Tandem Mill, south end of solution basement, off of steam line.	50% amosite asbestos
13	Tin Division Office (Building 28) outside, south end, west corner, insulation off of steam line	50% amosite asbestos; 20-30% chrysotile asbestos

USHO 017577

ENVIRONMENTAL HEALTH
SAMPLE NO.

DESCRIPTION

RESULTS

14	No. 4 Galvanizing Line northeast maintenance storage room, insulation off of steam regulator on southwest side	40-50% chrysotile asbestos
15	No. 4 Galvanizing Line, zinc pot, electrical inductor tape (since removed).	50% chrysotile asbestos
16	Sheet Mill, Two-High Mill, insulation off of steam regulator (column D-16).	50% amosite asbestos; 25-35% chrysotile asbestos
17	Sheet Mill, M&E Shop, insulation off of steam line (column A-38).	50% amosite asbestos
18R	Sheet Mill, Annealing Area, outside west wall near toilet.No. 16, insulation off of steam line.	30-40% amosite asbestos; 1-5% chrysotile asbestos
19	Sheet Mill, Annealing Area, insulation off of steam line (at column D-93).	50% amosite asbestos; 15-25% chrysotile asbestos
20	Sheet Mill, Side Trim and Recoil Line, insulation off of steam line (at column L-37).	50% amosite asbestos; 10-25% chrysotile asbestos
21	Sheet Mill, Q-BOP Construction Storehouse, pipe insulation in storage, Rack E-3, south top.	50% amosite asbestos; 5-10% chrysotile asbestos
22	As above, middle top rack.	50% amosite asbestos

USHO 017578