Interoffice

FIBER INDUSTRIES, INC.

TO D. V. Perry REF NO.

FROM B. T. Bowyer REF. NO. BTB-48-80 DATE Aug. 27, 1980

SUBJECT: ASBESTOS HOUSEKEEPING COMPLIANCE
OSHA FILE 24,648
CITATION TWO
ITEM NO. 1, ASBESTOS ACCUMULATION

As a result of an OSHA citation in August, 1978, we were made aware of housekeeping problems associated with the removal of insulation containing asbestos. It was pointed out that small quantities of this insulation had accumulated on surfaces in certain areas.

To achieve compliance a cleanup crew was established, the existing procedure was upgraded and the cleanup crew was trained in proper handling methods. This crew throughly cleaned floors, equipment, pipes, ducts, structural steel and other surfaces to remove possible accumulations of asbestos material. To verify the effectiveness of the cleanup, samples of debris were taken before and after cleanup and the samples were analyzed for the presence of asbestos. Results of these samples are attached. Labor expenditures of $44,482 and material cost of $5,742 were required to complete the cleanup.

The following areas were cleaned:

1. Glycol Recovery Unit
2. Dowtherm Yard Areas (H & K Bldg.)
3. Boilers House (T Bldg.)
4. Continuous Polymerization Areas (1st, 2nd and 3rd floors in both H & K Bldg.)
5. Spin Draw Area (1st floor & 1st Floor Mezz., K Bldg.)
6. Staple Spinning Area (1st Floor Mezz, H Bldg.)
7. Staple Processing Area (1st Floor & 1st Floor Mezz, J Bldg.)

With completion of the cleanup and with analyses of samples showing no remaining asbestos accumulation, we are now in compliance with the housekeeping section of the OSHA asbestos standard (29 CFR 1910-1001(h)(1))

702506

B. T. Bowyer

BTB:pem
Attachment
FIO-69

cc: C. E. Brown
H. E. LeGrand

ASBESTOS SAMPLE RESULTS

JUNE 29, 1979

These samples were taken prior to the cleanup operation. These samples were taken at random in the CP/Spinning areas of H and K Buildings.

JUNE 30, 1980

These samples were taken after completion of the cleanup. These samples were also taken at random in the CP/Spinning areas of H and K Buildings. Sample 3 contained <1% asbestos. Sample 3 was taken from a crack in the wall and would not constitute a violation of the housekeeping standard. Sample 7 was known to be asbestos and was used as a control.

walter c. mccrone associates, inc.
CONSULTING: ULTRAMICROANALYSIS • MICROSCOPY • SMALL PARTICLE PROBLEMS • SOLID-STATE CHEMISTRY

29 June 1979

Ms. Joan Wronski
National Loss Control Service Corporation
Long Grove, Illinois 60049

Dear Ms. Wronski:

We have completed our analysis for asbestos in the six bulk samples submitted with your letter of 20 June. These samples were identified as 11286-11291.

The samples were examined by polarized light microscopy and dispersion staining. The results of this examination are given in the following table:

Sample	Type asbestos	% Wt.	Other fibrous material
11286	none	--	cellulose, trace
11287	chrysotile	10	none
	amosite	50	
11288	none	--	glass 60%
			cellulose 10%
11289	amosite	15	none
11290	none	--	polyester 50%
11291	none	--	polyester 80%

Thank you for consulting McCrone Associates. If there should be any questions concerning these results please call me.

Yours sincerely,

Mark Palenik

Mark Palenik
Research Microscopist

MP:fe
ref: 7043

702508

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ENVIRONMENTAL SCIENCES LABORATORY, A-1

a subsidiary of
Kemper Corporation

LABORATORY ANALYSIS REPORT

REPORT DATE: 7 JULY 1980
SAMPLES REC'D: 30 JUNE 1980
REQUEST NUMBER: 12327

TO: MR. DALE OWEN
FIBER INDUSTRIES INC.
P.O. BOX 4, HIGHWAY 70 WEST
SALISBURY, NORTH CAROLINA 28144

SAMPLE NUMBER	ANALYSIS REQUESTED	RESULTS
1	ASBESTOS	NO ASBESTOS
2	"	NO ASBESTOS
3	"	*
4	"	NO ASBESTOS
5	"	NO ASBESTOS
6	"	NO ASBESTOS
7	"	APPROXIMATELY 15% AMOSITE ASBESTOS

COMMENTS: METHOD; POLARIZING LIGHT MICROSCOPY WITH DISPERSION STAINING
*ANSWER WILL BE SENT AT A LATER DATE; SENT OUT FOR ADDITIONAL ANALYSIS.

RESPECTFULLY YOURS,

Joan A. Wronski

JOAN A. WRONSKI, MANAGER
ENVIRONMENTAL SCIENCES LABORATORY

702508

ACCREDITED BY THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION