AUG 18 1980

CONSTRUCTION
PRODUCTS
DIVISION

REPORT: 69609
GROUP: ICG
DATE: 8 August 1980
CHARGE NO.: 9-113-30-009
REQUESTOR: H. A. Eschenbach
MARKETING OR MANUFACTURING APPR
NAME: H. A. Eschenbach
APPROVED: H. A. Eschenbach

REQUEST FOR TECHNICAL SERVICE

PLAINTIFF'S EXHIBIT WRG-741

PROBLEM TITLE: Ceiling Material Evaluation -- Asbestos Content

SIGNIFICANCE: Ceiling material that contains asbestos must be removed to control any employee exposures, and to comply with OSHA regulations.

SPECIFIC OBJECTIVE: Determine whether or not the ceiling material supplied from the Organic Chemical Plant, Nashua, N.H., contains any asbestos.

SUGGESTED APPROACH: X-ray

DEADLINE (Last day information will be of value): 2 weeks

DETAILS OF PROBLEM: Sample supplied to lab in bottle identified as "OCD-NTA Plant."

ACCEPTED BY RESEARCH DEPT.: [illegible] DATE: 8/8/80
ASSIGNED TO: J.P. Wilcken / Jay
ADDITIONAL COPIES: Original to Library; H.C.Duecker, H.A.Eschenbach

REQUEST FOR TECHNIC. SERVICE

NUMBE. 69609
GROUP: ICG
ACTUAL COST: $70.00
REPORTING DATE: August 15, 1

SUMMARY:

The ceiling material from the Organic Chemical plant in Nashua, New Hampshire, was examined by x-ray diffraction method and light microscopic method, and found to have both chrysotile asbestos and mineral fibers.

EXPERIMENTAL

1. XRD Analysis

The crystalline fibers were identified by x-rays as chrysotile.

2. Petrographic Microscopic Examination

A portion of the sample was heated in an oven @ 450°C, overnight, to burn all the organic fibers if present. Then the remaining material was wet ground lightly with acetone in an agate mortar, and immersed in oils with R.I. 1.545, 1.520 for microscopic examination at 100X and 430X.

Two kinds of fibers were identified, one was chrysotile and the other mineral wool fibers.

Reference: XRD Misc. - 350.

Julie C. Yang

JCY:mir

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REPORT: 69609
GROUP: ICG
DATE: 8 August 1980
CHARGE NO.: 9-113-30-009
REQUESTOR: H. A. Eschenbach
MARKETING OR MANUFACTURING APPROVAL:
NAME: H. A. Eschenbach
APPROVED: H A Eschenbach (CE)

REQUEST FOR TECHNICAL SERVICE

PROBLEM TITLE: Ceiling Material Evaluation -- Asbestos Content

SIGNIFICANCE: Ceiling material that contains asbestos must be removed to control any employee exposures, and to comply with OSHA regulations.

SPECIFIC OBJECTIVE: Determine whether or not the ceiling material supplied from the Organic Chemical Plant, Nashua, N.H., contains any asbestos.

SUGGESTED APPROACH: X-ray

DEADLINE (Last day information will be of value): 2 weeks

DETAILS OF PROBLEM: Sample supplied to lab in bottle identified as "OCD-NTA Plant."

ACCEPTED BY RESEARCH DEPT.: [illegible] DATE: 8/8/80
ASSIGNED TO: J.P. Wilcher / JCY
ADDITIONAL COPIES: Original to Library; H.C.Duecker, H.A.Eschenbach

REQUEST FOR TECHNIC SERVICE

NUMBER: 09809
GROUP: ICG
ACTUAL COST: $70.00
REPORTING DATE: August 15, 1980

SUMMARY:

The ceiling material from the Organic Chemical plant in Nashua, New Hampshire, was examined by x-ray diffraction method and light microscopic method, and found to have both chrysotile asbestos and mineral fibers.

EXPERIMENTAL

1. XRD Analysis

The crystalline fibers were identified by x-rays as chrysotile.

2. Petrographic Microscopic Examination

A portion of the sample was heated in an oven @ 450°C, overnight, to burn all the organic fibers if present. Then the remaining material was wet ground lightly with acetone in an agate mortar, and immersed in oils with R.I. 1.545, 1.520 for microscopic examination at 100X and 430X.

Two kinds of fibers were identified, one was chrysotile and the other mineral wool fibers.

Reference: XRD Misc. - 350.

Julie C. Yang

JCY:mlr