

FROM A. J. SARTSCHEV
PITTSBURGH, O.P. - 7

R. P. CARTER
PITTSBURGH OFFICE - 7

*File with 24 Regs letter
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TO WORKS ENGINEERING MANAGERS
CHIEF MECHANICAL ENGINEERS

WORKS INDUSTRIAL HYGIENISTS

PLAINTIFF'S
EXHIBIT

AL-261

February 5, 1973

RE: REPLACEMENT OF ASBESTOS-CONTAINING INSULATION BLOCK
Ref: Attached List

A permanent standard was adopted effective July 7, 1972, by the Occupational Safety and Health Administration regarding worker exposure to asbestos fiber. According to this standard the maximum time-weighted average exposure is limited to five asbestos fibers, having a length longer than five micrometers, per millimeter of air. This limit would drop to two fibers per millimeter maximum effective July 1, 1976. The standard requires the use of engineering controls to meet these limiting exposures where such controls are technically feasible. The use of respirators is permitted only during development of engineering controls, or where engineering controls are not feasible, or in emergencies.

Asbestos-free insulating block has now become available for furnace and smelting pot applications in the form of Johns Manville Superex AF Grades. The use of this material is one method to eliminate exposure to asbestos-containing materials and consequently eliminate the need for engineering controls. These materials will be used for repair and replacement of furnace and pot linings and for new construction as soon as an adequate supply is available. Until all existing furnaces and pot linings have been converted to asbestos-free materials, we will have a problem making sure that our workers are not exposed to this hazard accidentally. This means that some form of record keeping will be necessary to indicate what material is in each furnace, pot, etc. These records would be a ready reference for maintenance and construction crews to determine when engineering controls and/or respirators are necessary to prevent asbestos exposure.

After reviewing the attachments, please inform us of your plans to accomplish the objectives for complying with the asbestos standards during the material transition period.

A. J. SARTSCHEV
ROBERT P. CARTER

/map
Attachments

PRIVILEGED AND
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Distribution Attached

APC 003793



ALCA

Memorandum
January 29, 1973
Page 2

cc: Messrs. J. F. Clark, Pittsburgh
C. C. Cook, Pittsburgh
R. W. Wrenn/J. A. Dunbar, Pittsburgh
J. E. Hatch, Pittsburgh
F. E. Mueller, Pittsburgh
V. W. Rieke/R. L. Guilloud/M. W. Wei, Pittsburgh
S. J. Jones/J. C. Glascock, Pittsburgh
H. W. Cooley, Pittsburgh
J. Z. Nelson, Pittsburgh
L. L. Young/R. M. Tomko, Pittsburgh
H. J. Hersam/A. A. Kron/G. L. Molvik/J. E. Patrick,
Pittsburgh
C. F. Hartley/R. J. Logan/J. C. Fisher/C. J. Cox/
R. E. Albrecht/D. R. Barch, Pittsburgh
K. J. Brondyke/R. E. Spear/C. R. Howle/G. K. Turnbull,
ARL, ATC
S. C. Huddleston/R. J. Ormesher, ARL, ATC
M. J. Caprio, Pittsburgh
G. H. Farrah/J. M. Plunkett, EHL, ATC
W. B. Garyotis, Pittsburgh

info cc: E. Sousa, Veracruz, Mexico
C. L. Patterson, Alcominas, Brazil
W. W. Browne, Point Henry Works, Aust.
O. A. Grytting, Lista, Norway
Arne Engesland, Mosjoen, Norway
R. E. Freeman, Paranam
R. E. Grossheim, Port of Spain, Trinidad
B. W. Graham, Pt. Henry

LIST OF ATTACHMENTS

Attachment #1

R. P. Carter's memorandum dated 12/23/71 to all Industrial Hygienists

RE: EMERGENCY STANDARD FOR EXPOSURE TO ASBESTOS DUST

Attachment #2

George H. Farrah's memorandum dated 4/17/72 to the Chairmen, Environmental Health Steering Committees

RE: INDUSTRIAL HYGIENE NEWSLETTER - ASBESTOS DUST EXPOSURES

Attachment #3

Thomas B. Bonney's memorandum dated 7/1/72 to all Industrial Hygienists, Plant Physicians, Safety Directors

RE: OSHA STANDARD FOR EXPOSURE TO ASBESTOS DUST

Attachment #4

Thomas B. Bonney's memorandum dated 7/20/72 to all Industrial Hygienists, Safety Directors

RE: APPROVED ASBESTOS RESPIRATORY PROTECTION

Attachment #5

Robert P. Carter's memorandum dated 8/21/72 to all Industrial Hygienists

RE: ASBESTOS-CONTAINING REFRACTORY AND INSULATING MATERIALS USED IN FURNACE AND CASTING EQUIPMENT CONSTRUCTION

Attachment #6

Pittsburgh Purchasing (Industrial Group) memorandum dated 10/4/72

RE: NATIONAL PURCHASE AGREEMENT P-615951
JOHNS-MANVILLE SUPEREX INSULATION BLOCK