



PLAINTIFF'S EXHIBIT

FD 1850

Inter Office

Personnel and Organization Staff

November 13, 1980

E. Wise, Manager
Dearborn Engine Plant

cc R. Best J. Morgan
T. Dozier D. J. Sherman, M.D.
R. J. Manthey

Subject: Industrial Hygiene Evaluation of Material for Asbestos

As requested by R. Roman, Safety Engineer at the Dearborn Engine Plant, a bulk sample of heat resistant board was analyzed for asbestos content. It was found that there was two percent chrysotile contained in this product. Chrysotile is a form of asbestos and as such is subject to Company and OSHA regulations concerning asbestos handling, monitoring employee exposure and waste disposal. Refer to OSHA 29CFR 1910.1001 and Industrial Relations Bulletin #4 for specific regulations. However, if any drilling or sawing is ever required, employees must be protected from asbestos dust. Vacuuming of any resultant waste is preferable to avoid creation of airborne asbestos fibers. In addition, all wastes must be properly disposed of in sealed containers as per OSHA 29CFR 1910.1001(H)(2).

Every effort should be extended to eliminate the use of asbestos base materials in the plant.

Attached is a referenced vacuum unit approved for this type operation as well as a list of approved substitute materials which should be evaluated as possible replacements for the presently used material.

C E Plasters

C. E. Plasters
Senior Industrial Hygienist
Industrial Hygiene and Toxicology Dept.
Employee Health Services

Attachment
dt

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PHONE (313) 581-2505

AMERICAN CLEANING EQUIPMENT CORPORATION
15123 W WARREN • DEARBORN MICH 48126

GENE SZETELA
ASST. MANAGER

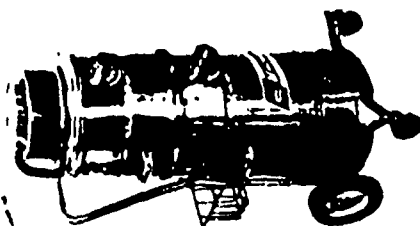


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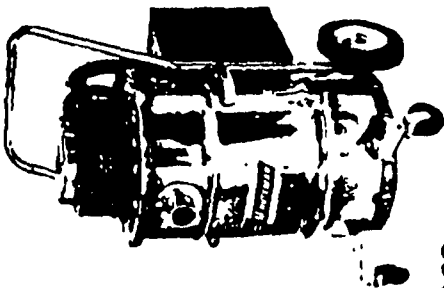
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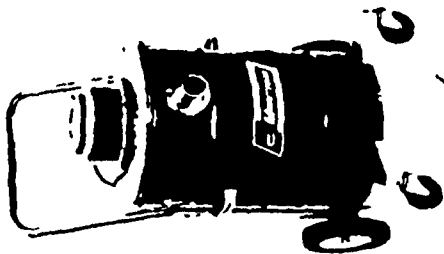
MINUTEMAN CRITICAL FILTER VACUUMS FOR INDUSTRY — WHERE DANGEROUS



MX-1000 Wet Dry Critical Filter Master Vacuum



X-100 Critical Filter Vacuum



Asbestos Vac 7644-17

4 special filters provide 99.97% retention of micro-organisms and particles down to 0.3 micron. Whisper quiet operation. No exhaust turbulence. Powerful motor with multi-stage impeller. Extra high suction and static water lift. All filter units internally mounted. All motor-cooling air exhausted through HEPA filter.

X-1000 Critical Filter Vacuum

Dry only version of the MX-1000. Features the same degree of filtering and performance. Standard 15 gal. tank. Widely used in cleaning toxic, carcinogenic or radioactive materials where only dry soil will be encountered. Also useful in clean room applications. All motor cooled air exhausted through HEPA filter.
• 4 gal. and 6 gal. capacities also available

Wet-dry critically filtered unit with externally mounted HEPA filter individually certified to 99.97% to 0.3 microns. This high performance unit is widely used in clean room situations and hospital critical cleaning. All motor cooled air exhausted through HEPA filter.

The Minuteman Asbestos and irritant dust vacuum is designed with a three stage filtering system specially engineered to provide efficient and dependable protection against the serious hazard of asbestos dust and other health endangering airborne pollutants. Efficiency rating of 99.99% on particles of 5 micrometers in size — ~~exceeding OSHA requirements~~. Particularly useful for cleanup work after insulation operations on pipes, etc. Also useful for vehicle maintenance procedures involving brakes, clutches or other asbestos loaded materials. Can be used to vacuum asbestos loaded sound absorbent ceiling coverings to prevent "snowing."

Blanket produced in the U.S.A.

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Asbestos Substitutes & Suppliers

1. KACWOOL:
Babcock & Wilcox
Refractory Division
Birmingham, Alabama

Attention: Mr. Bob Daly
Detroit Office
569-0565

Mr. C. Eugene Herman
(205)822-9030
2. PABCO SUPFR CALTEMP:
TYPE NA"
Fiberboard Corp.
50 Millfield Ave.
Westerfield, Ohio 43081
(614)891-2955

Local Rep.: F. B. Wright Co.
Dearborn, Michigan
(313)843-8250
3. REFRASIL:
Hitco Corp.
P. O. Box 1097
1600 W. 135th St.
Gardena, California 90249
(213)321-8080
4. WOLLASTONITE:
Interpace Corp.
Mountain View Drive
Willsboro, New York 12996
(518)963-4262
5. CERAMIC CLOTHS:
X-P-1000-C-2
Bennett-Bowen Co., Inc.
3023 E. Las Hermanas St.
Compton, California 90224

Attention: Tom Velnach
(213)774-6100
6. SILTEMP
Haveg Industries, Inc.
900 Greenbank Road
Wilmington, Delaware 19808
(800)441-7777

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