

WSD Hyde Park
327-7431
August 23, 1977
Citation No. B1705/005
August 4, 1977

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PITTS., (W) BLDG., Room 2070
Mr. W. H. Ziefel, Manager
Industrial Hygiene

cc: Mr. T. W. Metherton
Mr. P. W. Chaisson
Mr. A. P. Collier
Mr. D. R. MacLeod
Mr. R. L. McKrell
Mr. A. D. Rockwood

On June 3, 1977, I advised you that the Sturtevant Division had been visited by two Compliance Officers from the Occupational Safety & Health Administration (OSHA), as a result of an employee's complaint. During their visit, an air sampling was conducted with one employee, relative to the machining process of "Garlock" which is an asbestos material.

The results of that air sampling have been received, and as a result of their findings, Citation No. B1705/005, dated August 4, 1977, (copy attached), has been issued by OSHA for our failure to monitor asbestos exposure to affected employees, and failure to make available comprehensive medical examinations for employees engaged in occupations exposing them to airborne levels of asbestos. There was no penalty associated with this Citation.

The following actions have been taken to comply with the abatement period established in Citation No. B1705/005:

1. Two employees were scheduled for and underwent comprehensive medical examinations on August 15, 1977 at the Norwood Hospital under the supervision of Dr. F. W. Musche, Plant Physician.
2. The Engineering Department is currently seeking alternatives to the use of "Garlock", a graphitized asbestos material used for seal rings. The alternatives include: the elimination of "Garlock" completely; the use of other materials; the elimination of "Garlock" on a portion of the various product lines; redesign of the seal rings if necessary, etc.
3. Manufacturing-Engineering Department will not perform manufacturing

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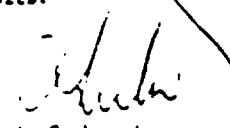
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machining operations on "Carlock" material until the following actions have been taken:

- a. a vacuum exhaust system is installed at point of operations;
 - b. mandatory usage of appropriate respiratory equipment by employees machining "Carlock";
 - c. mandatory usage of disposable over clothing for employees machining "Carlock"; and
 - d. air sampling equipment is obtained to monitor employee exposure.
4. Outside vendors are being canvassed to determine the practicality of having "Carlock" machined outside. The Engineering and Manufacturing Departments have both placed a priority on dealing with this problem within their respective departments.

It should be mentioned at this time that there is one additional area with which we are concerned. WSD has recently received an order for 10 Hydrogen Recombiner units which require the use of asbestos for insulation. The Engineering Department is seeking permission from N.E.S. to use a non-asbestos insulating material on these units.

The elimination of asbestos in our various manufacturing processes is WSD's ultimate objective. I will keep you advised of the progress of our program regarding "Carlock", and whether or not we will be allowed to eliminate the use of asbestos by substituting another insulating material on the Recombiner units.


R. A. Garbrands
Manager, Labor Relations

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