



53rd ALL-OHIO SAFETY CONGRESS & EXHIBIT
April 12, 13, 14, 1983

PLAINTIFF'S EXHIBIT

K-1916

our brand of safety

January 31, 1983

Mr. Mark P. Waite
Protective Services Specialist
Owens-Corning Fiberglas Corporation
Technical Center
Granville, Ohio 43023

Dear Mr. Waite:

Enclosed is our report in response to your November 1, 1982 request for exemptions from sections of Chapter 4121:1-5 relating to machine guarding.

It was a pleasure to meet with you and the courtesy extended is very much appreciated.

We would like to take this opportunity to invite you to the 53rd All-Ohio Safety Congress and Exhibit, April 12-14 at the Ohio Center in Columbus.

Yours very truly,

Robert W. Hursh
Robert W. Hursh, P.E.
Manager
Technical Research

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The Industrial Commission
Of Ohio
Division Of Safety & Hygiene
246 N. High St., Col., O. 43215

January 31, 1983

Re: Owens-Corning Fiberglas Corporation
Technical Center
Granville, Ohio 43023

1. On December 29, 1982 and January 25, 1983, visits were made to the above location in response to a request for exemption from requirements of Chapter 4121:1-5 for guarding of several machines. Don Mullins and Dan Hodge of the Columbus Office of the Division participated in the second visit.

2. Mr. Mark P. Waite, Protective Services Specialist, was contacted.

3. On December 29, it had been thought that a safety recommendation had referred to lack of grounding of a Tektronix Model 475 oscilloscope used for electrical testing in the Facilities Instrument Shop. It was said that grounding the case of the instrument would nullify test results. It was suggested that they contact the manufacturer of the instrument for information on means of grounding or providing equivalent safety if there is a hazard. They planned to do that.

It was found on January 25 that the grounding recommendation had referred to a Brookfield Viscometer, #A1889, in Building 70, Room 132. Grounding of it had been provided.

4. Items 4-10 were located in the Weaver Yarns Laboratory in Building 22. At the right side of a Draper loom were a chain drive and a variable pitch V-belt drive. The company plans to construct and install guards on these.

5. On the #1757 tape loom were three round-section belt drives which operate with low tension. They plan to provide guarding for these.

6. It would be possible for jaws of a lathe chuck to protrude radially from the chuck when machining large diameter stock. They plan to guard the chuck.

7. At the right side of the #61170 Kilde warper was a flat drive belt, about 1 1/2" wide, near the floor. They plan to guard the pinch point at the lower pulley with a sheet metal extension of the present sheet metal box or by similar means.

8. On loom #17, termed a cut-down loom, there were two adjacent roller chain drives. They plan to guard these. An enclosure resting on the floor and secured to the machine or floor could be used. This could be a box-like structure. Possible materials include sheet metal, wire mesh, expanded metal, and rigid plastic sheet.
9. There was no V-belt drive seen on the Iwer Rapier loom. It has a roller chain drive for which they plan to provide a guard.
10. The circular knitter was driven only by a hand wheel, actuated by the operator, presenting no apparent hazard.
11. Items 11 - 13 were located in Building 70. On the large braiding machines, it was suggested that a guard made from a flat sheet of rigid transparent plastic be provided to guard the operator from the rotating spool magazine.
12. On the inside portion of the present V-belt guards of the same machines, it was suggested that additional sheet metal be added to provide guarding at the pinch points.
13. On the small braider, it was suggested that a transparent plastic guard of box configuration be provided to enclose the upper spur gears.
14. With provision of the guards listed above, exemption is not needed, with the one possible exception of the Tektronix oscilloscope mentioned in Item 3 above.

Respectfully submitted,

Robert W. Hursh
Robert W. Hursh, P.E.
Manager
Technical Research