



STATE OF NEW YORK
DEPARTMENT OF LABOR
80 CENTRE STREET, NEW YORK 13, N. Y.

PLAINTIFF'S
EXHIBIT

G-334

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INDUSTRIAL COMMISSIONER
ABRAHAM H. GOODMAN
DEPUTY INDUSTRIAL COMMISSIONER
LOIS B. HUNTER
DEPUTY INDUSTRIAL COMMISSIONER
ESTHER D. LONGSTREET
DEPUTY INDUSTRIAL COMMISSIONER
EDWARD A. NYEGAARD
DEPUTY INDUSTRIAL COMMISSIONER

LEONARD GREENBURG, M.D.
EXECUTIVE DIRECTOR
DIVISION OF INDUSTRIAL HYGIENE
AND SAFETY STANDARDS

July 1, 1947

Mr. J.R. Alsdorf
Garlock Packing Company
Palmyra, New York

Dear Mr. Alsdorf:

I am sorry that there has been some delay in answering your letter addressed to our Syracuse office. This office is in a state of reorganization at the present time and that may account for it. May I suggest that, for the present, you address any communications directly to me here in N.Y.C. so that they may receive prompt attention?

In looking through our files, we find that a summary of our report with recommendations was sent to Mr. C.R. Hubbard, Vice President of your company on April 23, 1945 following the survey to which you refer. No survey was made in 1946 because the Syracuse office was closed for reconversion from a war basis. I am enclosing a copy of this letter.

If there is any way in which we can be of further assistance to you, please do not hesitate to call on us.

Very sincerely yours,

Leonard Greenburg, M.D.
Executive Director

LG:cf

HR

enc.

Handwritten notes:
J.R. Alsdorf
7/1/47
H.C.

In Reply Refer to
File: UL-18-45

768 Irving Avenue
Syracuse 10, N.Y.
April 23, 1945

Mr. C.R. Hubbard
Vice President
Carlock Packing Co.
Palmyra, N.Y.

Dear Mr. Hubbard:

Recently R. Schmidt, Jr., representing this Division, conferred with you and your Mr. Houghton in regard to the control of asbestos dust in your plant.

This letter is to confirm the results of that conference. We are, therefore, submitting a list of recommendations which we understand were completely discussed.

Mixer-Picker Area

1. The screen guards covering the two wall fans should be replaced by evenly spaced vertical iron rods. This will prevent the fibres from matting in front of the fans reducing their efficiency. A frequent cleaning program on the guards should also be instituted.

Willover Feed Hopper

2. An air tight connection should be made between the Willover inlet and the feed elevator outlet. This will insure a greater control velocity in the feeder hood proper.
- 2a. The feeder hopper should be enclosed as much as possible, so as to direct and confine whatever dust is generated within the higher velocity air flow into the Willover through the feeder outlet.

Vertical Opener and Preparation Area

3. The dust generated by this operation should be confined to this area. The volume of air into the opener inlet is approximately 1100 C.F.M. The air flow carrying the dust generated can be directed into the opener by means of side and overhead enclosures or directing baffles. It is recommended that the space between the opener and the wall be closed off. An overhead canopy located at the top of the opener and extending over the preparation area and to the north wall should be installed. This will leave but two sides open and direct the dust not only from the preparation area into the opener, but also that dust which may be generated from the nearby crusher. At present practically all of the dust generated by the Willover, the vertical opener and the crusher drifts into the mixer-picker area, by reason of the general air flow of the room to that area.

Should this method of control not be efficient for control of the dust generated at the crusher area, the following will be required.

Mr. O.R. Hubbard

- 3a. A local exhaust ventilation system should be installed on the pan crusher. This may be accomplished by installing a ring-type exhaust duct around the crusher body and extending approximately four inches above the edge of the pan. A volume of air equivalent to 150 cu. ft. of air per square foot of open pan area should provide sufficient control.

Card Room

4. The feeder boxes on the camel back cards now emit dust. These should be provided with exhaust ducts to maintain an inlet velocity of not less than 75 L.F.M. Self-closing counter-weighted doors can be installed and the feeder hopper held under negative pressure to prevent the escape of dust.

Spinning Room (Top Floor)

5. The two cards should be enclosed as much as possible or a system of ducts installed to control the dust generated by these units. The dust generated is from the feeder box, doffer combs, brushes and rolls.

Ring Spinners and Twisters

6. It is suggested that control of dust on these machines be accomplished by enclosing the sides under the ring rails and bobbins as much as possible. A system of exhaust ducts located under and in the center portion of each machine unit should exhaust sufficient air to maintain and control the dust generated.

Looms

7. The looms should be provided with a system of local exhaust ventilation to control the dust generated by these units.

Exhaust System

8. The present lower dust exhaust system known as the north and south units are not functioning as intended. The velocities in the branch pipes and main are insufficient to convey the dust properly.

Velocity measurements in the south unit tail branch leaving the card had but a 1500 L.F.M. air velocity. The north unit main had a velocity of 3000 and the south unit but 2700 L.F.M. It was noted that the north unit had an incorrect inlet connection resulting in the fan blades being improperly loaded. The fan was, therefore, not delivering its full capacity at the speed it was being run. It is suggested that this be corrected as discussed at the time of the conference.

If there is any further information in this or any other matter relating to the health of your workers, please do not hesitate to call upon us.

April 23, 1945

Mr. C.E. Hubbard

Please let us know what action will be taken on these recommendations.

Yours very truly,

Leonard Greenburg, M.D.
Executive Director
Division of Industrial Hygiene

By
Harry Heimann, M.D.
In Charge, Syracuse Office

HH:RK
RS