

FILE NAME: Garlock (GAR)

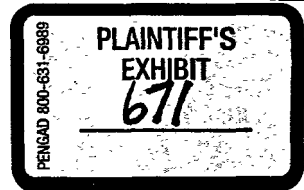
DATE: 1965 Feb 24

DOC#: GAR089

DOCUMENT DESCRIPTION: Plant Visit Report

DEPARTMENT OF HEALTH
- INDUSTRIAL HYGIENE BRANCH -

Plant Visit Report



Memorandum to:
Dr. R. B. Sutherland,
Director

Date: February 24, 1965

From: James To

Plant: Garlock Company
66 Jutland Avenue
Address: Etobicoke, Ontario

No. Employees: M.- F.-
Total

Hazard: Asbestos

Requested by: Mr. E. Chapman, I.S.B.

Accompanied by: Mr. E. Chapman, I.S.B.

Date of Visit: January 21, 1965

Contacts: Mr. D. Daugherty, Plant Manager

Company to be notified by:

Bring forward: Take no action:

Copies to: Dr. Mastromatteo (2)
Mr. R. Turton (2)
Mr. D. Moore (1)

A division of this plant is engaged in making asbestos sheets for gaskets.

It is made up of 10% rubber and 90% asbestos fibre which is supplied by Asbestos Corp. Ltd., Thetford, Quebec. The operation is carried out in a room about 80' x 40' x 15' high. A batch of 100 lbs. of fibre is first mixed in a rotary mixer and later transferred to an extruder where rubber is added and the sheet, about $\frac{1}{2}$ " thick, is extruded between two heated rollers.

Both the mixer and the extruder are provided with mechanically exhausted canopies. Over 200 cfm of air velocity was found per square foot of opening.

About 10 batches are prepared per day and each one consumes approximately 20 minutes. This operation is carried out entirely by one man, C S.21 He has been doing this work for about 12 years, and never wears a mask at work.

Comments:

1. Although the mixing units are well exhausted, the operator could be exposed to a heavy asbestos atmosphere when the fibres are first dumped into the mixer manually.
2. The operator, C S.21 has been under the supervision of Occupational Chest Unit since 1954. He is x-rayed once every 18 months, and this routine examination will be continued.
3. Housekeeping is poor.

Directions to be issued:

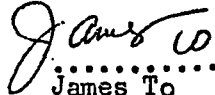
1. The operator shall wear an approved type mask while preparing the batch.

2. Housekeeping shall be improved, and a vacuum type cleaner should be used to clean the floor.

Lead

The company enquired about the ventilation requirement for a 4' x 4' lead pot in the plant. It was pointed out that lead vapour would not reach a TLV level until it is heated to about 1,000°F. The normal operating temperature is about 700°F. If a canopy is to be installed above the lead pot, normal rate of exhaust would be adequate, i.e. about 70 fpm per square foot of opening.

JT:ec


James To