92-00323-004

COMMISSIONER OF HEALTH
STANLEY H. OSBORN, M. D., C. P. H.

BUREAU OF OCCUPATIONAL DISEASES
ALBERT S. GRAY, M. D.,
DIRECTOR

ALLAN L. COLEMAN, B. S.
CHIEF INDUSTRIAL HYGIENIST

STATE OF CONNECTICUT
DEPARTMENT OF HEALTH
HARTFORD



April 8, 1940

Raybestos Manhattan Company
Stratford, Connecticut

Attention: Mr. R. B. Davis,
General Manager

Gentlemen:

As a result of a recent survey of several of your plant operations, there are tabulated data relative to these operations which should receive your attention:

(1) As discussed with Mr. Casey and Mr. Fenning, it was thought desirable to apply ventilation to the hood located over the feed hopper on the trim pulverizer. When excessive amounts of trim are fed to this machine, considerable asbestos dust is dispersed to the working area. (2) The two bagging stations need attention. The Bureau has available a photograph and engineering layout of a successful flour bagging ventilated station, which, with modifications may possibly be applied to your bagging operation.

(3) When available, the Bureau would appreciate sketches and engineering data covering the proposed installations at the roto-dish mixer and the (4) → mixing and weighing station. These problems were discussed with Mr. Bullock and Mr. Fenning.

Our observations, as a result of the survey of your plant, indicate that it is one of the cleanest and best maintained manufacturing establishments in this state. You are to be congratulated on the co-operative assistance of your operating executives, particularly Mr. Casey, who is one of the most enthusiastic industrial operating executives we have had the pleasure to contact.

The Bureau is at all times available for engineering consultation relative to any exhaust ventilation problems in your plant. However, the Bureau is to be advised of any changes, additions or new installations in accordance with Regulations #280 & #281, copy of which is attached.

Sincerely yours,

Albert S. Gray

Director

ASG:w
Enc.

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OCCUPATIONAL ENVIRONMENT

Sanitary Code--State of Connecticut

Regulation 280:

No person, firm, corporation or other employer shall use or permit to be used in the conduct of his business, manufacturing establishment or other place of employment, any process, material or condition known to have an adverse effect on health, unless arrangements have been made to maintain the occupational environment in such a manner that injury to health shall not result.

Before any person, firm, corporation or other employer shall undertake any actual construction in connection therewith, the State Department of Health shall be notified of any contemplated replacement, extension, or new installation of any industrial exhaust ventilating system for the removal of dust, fumes, vapors, mists, or gases, which may affect the health of workers.

Exposure to dusts, fumes, mists, vapors, gases or any materials that may affect health shall be kept below the threshold limits as established in Regulation 281.

Regulation 281: Threshold Limits of Toxic Materials

Material	Concentration
Benzene (Benzol)	100 parts per million
Carbon Tetrachloride	100 parts per million
Carbon Monoxide	100 parts per million
Chlorine	1 part per million
Chromic Acid	1 mg. per 10 cubic meters
Formaldehyde	20 parts per million
Gasoline	1000 parts per million
Hydrogen Cyanide	20 parts per million
Hydrogen Chloride	10 parts per million
Hydrogen Fluoride	3 parts per million
Hydrogen Sulfide	less than 50 parts per million
Lead	1.5 mgs. per 10 cubic meters
Mercury	2 mgs. in 10 cubic meters
Methanol	100 parts per million
Nitrogen Oxides	40 parts per million
Phosgene	1 part per million
Sulfur Dioxide	10 parts per million
Turpentine	700 parts per million

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Exposure to other materials not included shall be kept below injurious concentrations.

Dust (containing more than 90% free silica in the form of quartz) — less than 5 million particles per cubic foot

(smaller than 10 microns in longest dimension)

Dusts of other mineralogical composition shall be kept below concentrations which will be stipulated depending on the nature of the dust.

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