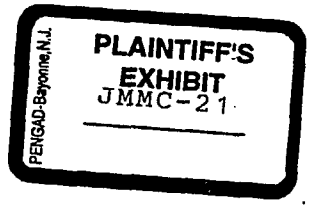
J-M Manufacturing Company, Inc. Internal Correspondence

To: T. E. Lohman- Denison

Date: November 13, 1984

From: E. E. Wang- Stockton HQ

Copies: C. J. Chen- Stockton HQ



Subject: INDUSTRIAL HYGIENE SURVEY RESULT

The industrial hygiene survey of your plant, conducted in September, 1984, has indicated that one silica sample was in excess of the Permissible Exposure Limit (PEL) of 2.1 mg/M^3 (at SiO_2 content = 2.66 wt.%), and two asbestos samples were in excess of the proposed new OSHA Standard of 0.5 f/cc. The details are given below:

1. Silica:

Operator:	Respirable Silica Dust:
UPL Helper, R. Hesse	2.3 mg/M^3

2. Asbestos:

Operator:	Airborne Asbestos Fibers:
a. Large Sampling Cut-Off, B. Ross	0.57 f/cc
b. 13-ft Head Curer, P. Morrison	0.71 f/cc

The airborne silica concentration (2.3 mg/M^3) was only slightly higher than the PEL's value of 2.1 mg/M^3. Take into account the experimental errors involved, there is essentially no significant difference between 2.3 mg/M^3 and 2.1 mg/M^3. Thus, no resampling work is recommended at this time. Although, two asbestos samples were in excess of the proposed Standard of 0.5 f/cc, they were below the current PEL's value of 2.0 f/cc.

To improve the situation, I would like to recommend the following:

1. Check and improve the local exhaust ventilation conditions and its efficiency.

2. Examine work practices, such as any wrong doings? improper procedures? dust spills cleaned-up promptly?

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3. Check to see if the deposited dusts were cleaned-up by vacuum or wet cleaning, but NOT by compressed air.

4. To be on the safe side, operators are required to wear proper respirators during work hours.

The above mentioned three samples were the only samples that were exceeding the current or the proposed PEL's. All the rest samples ("noise" excluded) were below the PEL's values.

The detailed written report is not available yet at this time. You will receive a copy when it becomes available in the future.

E. E. Wang