Environmental Analysis Laboratories
2030 Wright Avenue
Richmond, California 94804
(415) 235-2633
(TWX) 910-382-8132
CORPORATION

03637808

29 December 1976
Ref: W.O. No. 18650-0155

PLAINTIFF'S EXHIBIT

Mr. Robert Cheney, Vice President
Structural Fireproofing
968 Folsom Street
San Francisco, CA 94107

RE: Job Site - 1435 Market Street - San Francisco, California

Dear Mr. Cheney:

An Industrial Hygiene survey of your job site at 1435 Market Street, San Francisco, was made by LFE Environmental on December 1, 1976 to determine worker exposure to gypsum dust.

The operation involved the mixing of monokote MK5 for application as a fireproofing material and was described as representative of the industry. The morning session consisted of collecting area and breathing zone samples of airborne dust, under existing conditions (belt driven fan at corner of work platform which was directed diagonally across platform to where the mixers were located). During the afternoon session, the above fan was relocated to a perpendicular position to both mixers about eight (8) feet away. Breathing zone samples included both open and closed face filter collection.

Air sampling results from the above samples are presented in Table 1. (enclosed.) The closed face filter collection showed a systematic -10 percent sampling bias over the open face filter collection. Morning and afternoon Time Weighted Averages were then calculated at 49 mg/m^3, 18 mg/m^3, 89 mg/m^3 and 35 mg/m^3 for the #1 (Ed Coston) and #2 (Mike McKenna) mixer operators respectively. A 60 percent reduction in airborne gypsum concentrations was achieved as the result of a more effective fan placement.

If I can be of any additional assistance, please don't hesitate to contact me.

Sincerely yours,

Maurice Oberg

Maurice Oberg, D.Sc., CIH
Industrial Hygiene Services

MO/llh
Attachment

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