

Denison  
August 12, 1958

G. E. DeLong

ASBESTOS DUST ANALYSIS  
FILE 8-10

Listed below are the results of the dust samples taken by Charles W. Reed,  
Industrial Hygiene Engineer, of the Texas Employers' Insurance Association on  
August 6, 1958:

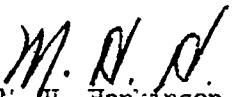
| <u>Sample<br/>Number</u> | <u>Location</u>             | <u>Dust Concentration<br/>M.P./cft.<sup>3</sup></u> | <u>Threshold Limit<br/>Valve M.P./cft.</u> |
|--------------------------|-----------------------------|-----------------------------------------------------|--------------------------------------------|
| 1                        | #2 UPL                      | 1.8                                                 | 5.0                                        |
| 2                        | #1 UPL                      | 1.3                                                 | 5.0                                        |
| 3                        | Tracer Lathe                | 12.1                                                | 5.0                                        |
| 4                        | Tracer Lathe      End Plugs | 8.3                                                 | 5.0                                        |
| 5                        | #2 UCL                      | 15.4                                                | 5.0                                        |
| 6                        | Boring Mill                 | 12.5                                                | 5.0                                        |
| 7                        | Nipple Lathe - ODing Cplgs. | 3.0                                                 | 5.0                                        |
| 8                        | MOA Lathe - CI-MJ           | 1.5                                                 | 5.0                                        |

As you will notice, three of the lathes were found to be over the maximum average atmospheric concentration of contaminants to which workers maybe exposed for an eight-hour working day without injury to health. It is obvious that a safety hazard does exist in these areas.

Presently, action is being taken to correct the deficiencies of the dust collecting system by installing more adequate means of collection at these lathes, however, it is thought that some remedial action should be taken in the interim until such time as the situation has been corrected.

As a temporary expedient, to eliminate the health hazard, it is recommended that the operators working on these specific pieces of equipment be requested to wear respirators until such time as adequate collection facilities can be installed.

It is also recommended that the operators be informed of the situation so that they will have a better understanding for the need of a respirator in an attempt to educate the operators and gain their acceptance as to their use.

  
M. H. Hankinson

cc: J. E. Herse  
J. C. Bradley



| COPY FORM             |             | INITIALS         | DATE |
|-----------------------|-------------|------------------|------|
| BOX NUMBER<br>4-01908 | SEGMENT NO. | REQUESTING PARTY |      |
| NOTES                 |             |                  |      |
| Fiber Bags            |             |                  |      |
| Health Survey         |             |                  |      |