



Bell Laboratories

SUBJECT: Specifications for
Asbestos Removal -
Case 48102-1

DATE: August 24, 1981
FROM: W. M. Crawford
MH 78691
3A-213 x2250

Mr. S. Eichinger:

This memorandum is in response to your request for a description of procedures required of contractors removing asbestos. OSHA 1910.1001 specifies the following:

. (c)(2)(i) - Insofar as practicable, asbestos shall be.. removed... or otherwise worked in a wet state sufficient to prevent the emission of airborne fibers... . [For example, workers should continually mist or spray the layers of insulation with water as they are being removed.]

. (c)(2)(iii) - Employees engaged in... the removal or demolition of asbestos insulation or coverings shall be provided with respiratory equipment... and with protective clothing. [Generally the workers will wear disposable coveralls including a hood. Respirators will be NIOSH/MSHA approved and be marked accordingly. The contractor supplies protective equipment.]

. (g)(1)(i) - Caution signs shall be provided and displayed at each location where airborne concentrations of fibers may be in excess of exposure limits... . Signs shall be posted at such a distance from such a location so that an employee may read the sign and take necessary protective steps. [Work areas should be roped off and signs posted to prevent BTL personnel from entering the work area.]

. (g)(2)(i) - Caution labels shall be affixed to... scrap, waste, debris, and other products containing asbestos fibers.... [A sample of this type of label is attached.]

. (h)(1) All places of employment shall be maintained free of accumulations of asbestos fibers... . [Work areas should be enclosed within plastic drapes. Floors should also be covered. All enclosure materials should be removed by the contractor. Contractors should vacuum all work areas clean. Only a vacuum cleaner with a HEPA filter, which will remove 99.97% of particles with a diameter 0.3um or greater is acceptable.]

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