

OFFICE MEMO

BROWN & ROOT, INC.

TO: B. W. Bryant
FROM: Tommy Chadwick
SUBJECT: OSHA Memo #22 and 23 Pertaining To Asbestos

DATE: November 16, 1972

After distributing OSHA Memo #25, we have been contacted by various production divisions asking for information as to the exact program we will institute in order to comply with OSHA Regulations concerning asbestos. The following is for your information and describes the steps we plan to take initially.

- I. We have ordered two air sampling units from Du Pont which should arrive any day now. Presently, we have 1-MSA Unit at Southport, North Carolina.
- II. Upon receiving our equipment, we will contact the management of each division, ask for suggestions and recommendations, and go over OSHA Memo #22 with them, explaining what we must do. For example, we must start taking air samples by December 6, 1972 where we are working with asbestos. If we are above the prescribed limits, we must take certain measures, such as:
 - A. Engineering controls.
 1. Local exhaust ventilation.
 2. Hand and power operated tools will have dust collectors.
 - B. Work practices.
 1. Work asbestos wet.
 2. While spraying, demolishing, or removing, employees shall be provided with respirators and special clothing.
 - C. Personal protective equipment.
 1. Air purifying respirators.
 2. Powered air purifying respirators
 3. Supplied air respirators.
 4. Rotation of employees.
 5. Special clothing.
 6. Change rooms.
 7. Laundering.

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(OSHA Memo #22 and 25
Pertaining To Asbestos)

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- D. Environmental monitoring.
1. Samples to be taken over 8 hour period.
 2. Employees may observe monitoring.
 3. Caution signs shall be posted at each location.
 4. Housekeeping.
 5. Waste disposal.
 6. Recordkeeping. (Exposure Records)
 - a. Must be kept for 3 years.
 - b. Employees to have access to records.
 - c. Any employee found to be exposed to an excess of asbestos shall be notified in writing no later than 5 days.
 - d. Employer shall provide medical examinations at his cost.
 - e. Preplacement of employees exposed to excess.
 - f. Annual examinations for employees engaged in occupations exposed to asbestos.
 - g. Termination of employment - employer shall furnish medical exam within 30 calendar days before or after termination.
 - h. Medical records shall be retained for at least 20 years.

This will give you some idea of the complexities of this problem faced by Brown & Root until a substitute for asbestos is on the market in large enough amounts for use in new construction. However, in maintenance, we will be faced with asbestos for some time.


Tommy Chadwick, Manager
Safety Department

TC:jo
cc J. Everett
H. Nyström