

ETHYL CORPORATION

G. B. MYERS, M. D.

INTER-OFFICE

APR 16 1979

To Distribution

FROM G. B. Meyers, M.D.

SUBJECT Asbestos Workers



ADDRESS

ADDRESS Baton Rouge

DATE 4-17-79

The attached Physician Instructions for Examination of Workers Exposed to Asbestos is for your guidance in performing asbestos examinations. The question of significant exposure is one that will need to be answered by our industrial hygienists.

The Instructions are designed primarily for Ethyl designated physicians who will need to send their reports to the Corporate Medical Office. This does not apply in your case as the medical files will be kept in your office. However, because of the legal implications, the Corporate Medical Office should be informed of any suspected or confirmed cases of asbestosis.

Thank you for your usual cooperation. If you have any questions concerning these examinations, please let me hear from you.


G. B. Meyers, M.D.

GBM/crb

Attachment

Distribution:

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ETC 15925

E-01940

PHYSICIAN INSTRUCTIONS FOR EXAMINATION OF WORKERS
EXPOSED TO ASBESTOS

ELIGIBILITY:

1. Insulators or others with potentially significant asbestos exposure.
2. History of six months or more of potentially significant asbestos exposure in the past.
3. Physical examination or x-ray findings which indicate the possibility of past asbestos exposure.
4. Industrial hygiene data which indicates the workplace has the potential for significant exposure.

Eligibility for examination at Company expense is determined by the Ethyl Medical Department..

MEDICAL REQUIREMENTS:

1. A complete history and physical examination on Ethyl Form CM 7801, including core clinical laboratory work.
2. A 14 x 17 PA and lateral chest x-ray with detailed radiological interpretation of the state of the pleura, and a statement regarding the presence or absence of pleural abnormalities such as thickening, calcification, plaque, effusion, etc. including a detailed description of the lung parenchyma.
3. Pulmonary function tests:

Forced vital capacity (FVC)
Forced expiratory volume at one second (FEV₁)
4. A review by the Ethyl Medical Department and, when indicated, a special examination by a consultant who is a recognized specialist in pulmonary disease. The consultant must be cognizant of the manifestations of pneumoconiosis and, in particular, of asbestosis.

EXAMINATION INTERVAL:

1. A history of exposure only; no laboratory or clinical evidence of asbestosis.

Examination interval: Non-smokers - every 12 months
Cigarette smokers - every 6-12 months

ASBESTOS 790417 (Ethyl Corporate Medical Department)

2. Examination reveals minimal to moderate lateral pleural wall thickening, minor parynchemal lung changes, slight decrease in pulmonary function reflective of restrictive lung disease. Any or all may be present.

Examination interval: 6-12 months

3. Examination reveals the presence of pleural plaques, calcified pleural plaques involving lateral wall or diaphragmatic pleura, significant pulmonary parynchemal changes, pulmonary function decrease of FVC < 80% or FEV₁ < 70%, adjusted for race.

Examination interval: 6 months

OTHER REQUIREMENTS:

1. Pre-placement examination within 30 days of asbestos assignment.
2. Termination examination within 30 days before or after termination of employment.
3. Medical records must be retained at least 20 years.

PATIENT COUNSELING:

The examiner should inform smokers that smoking significantly increases the risk of lung cancer in workers exposed to asbestos.

REPORTING:

Please mail the completed forms and statement for services to the Corporate Medical Director, Ethyl Corporation, 451 Florida Boulevard, Baton Rouge, Louisiana 70801.

ASBESTOS 790417 (Ethyl Corporate Medical Department)

PHYSICIAN INSTRUCTIONS FOR EXAMINATION OF WORKERS
EXPOSED TO ASBESTOS

This authorizes you to do a history and physical described below on our employee at company expense.

ELIGIBILITY:

1. Employees engaged in work involving levels of asbestos, et al (tremolite, anthophyllite, actinolite or a combination of these minerals) at or above the action level (0.1 fiber/cc air) for 30 or more days per year.
2. Employees required to wear negative pressure respirator because of exposure to asbestos et al.
3. Initial annual and termination examination.

MEDICAL REQUIREMENTS:

1. Initial examination: Have examinee complete an Initial Medical Questionnaire.
2. Reexamination: Have examinee complete a Periodic Medical Questionnaire.
3. A complete history and physical examination with special emphasis on the pulmonary and gastrointestinal systems on Ethyl Form CM 7801.
4. Clinical laboratory screen including urinalysis and CBC.
5. A 14 x 17 PA and lateral chest x-ray with detailed radiological interpretation of the state of the pleura, and a statement regarding the presence or absence of pleural abnormalities such as thickening, calcification, plaque, effusion, etc. including a detailed description of the lung parynchema for initial examination purposes. Periodic examination chest x-rays are performed at the discretion of the examining physician.
6. Pulmonary function tests:
Forced vital capacity (FVC)
Forced expiratory volume at one second (FEV₁)
7. An ECG at age 40 and over or if clinically indicated.
8. Medical Evaluation Form CM7802-R completed by examiner.