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GENERAL DYNAMICS <i>Electric Boat Division</i> SAFETY MANUAL 84-00-4401 (CEPT) REV 7-73	APPROVED  MANAGER OF SAFETY AND ENVIRONMENTAL CONTROL	NUMBER C-23 EFFECTIVE DATE 9/4/73
TITLE SAFETY RULES FOR ASBESTOS	HISTORICAL REFERENCE MATERIAL	PAGE 1 of 2

GENERAL

The single, most important factor to consider when working with asbestos materials is the elimination or reduction of asbestos dust to permissible limits through engineering controls or the use of personal protective equipment. The exposure to high concentrations of asbestos dust over long periods of time can cause a serious respiratory condition known as "asbestosis." Every effort must be taken to protect employees from over-exposure to asbestos dust including, but not limited to, the following:

1. Local exhaust ventilation shall be utilized, where feasible, when using hand or power-operated tools which may produce or release asbestos fibers.
2. Insofar as possible, asbestos materials shall be handled, mixed, applied, removed, cut or otherwise worked in a wet state sufficient to prevent the emission of air borne particles, unless the usefulness of the product would be diminished thereby. Care must be taken to prevent unnecessary generation of dust.
3. Employees engaged in the demolition or removal of asbestos covered pipes or structures or asbestos insulation shall wear the approved supplied air respirators, coveralls, head coverings, gloves and foot coverings provided.
4. Contaminated coveralls, head coverings and gloves shall be stored in lockers or containers separated from the demolition employee's street clothing.
5. Foot coverings shall be worn by ladders performing demolition and discarded in the covered containers provided for asbestos scrap at the end of the shift.
6. Ladders shall observe good housekeeping practices at all times.
7. Caution signs shall be placed at each location where asbestos materials are being removed or demolished and in all shops in which asbestos materials are being worked. These signs bear the following legend:

CAUTION: Asbestos Dust Hazard
 Avoid Breathing Dust
 Wear Assigned Protective Equipment
 Do Not Remain In Area Unless Your Work Requires It
 Breathing Asbestos Dust May Be Hazardous To Your Health

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GENERAL DYNAMICS
Electric Boat Division
SAFETY MANUAL
64-20-4461 (DEPT) REV 7-78

APPROVED

J M Slep
MANAGER OF SAFETY AND
ENVIRONMENTAL CONTROL

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C-23

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SAFETY RULES FOR ASBESTOS

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8. Asbestos scrap material and dust shall be discarded only in the covered containers provided. These containers are lined with polyethylene bags. When full, these bags will be sealed, labeled and disposed of by the maintenance employee assigned to the area.
9. The labels to be used on asbestos scrap materials, products in transport and dust bear the following legend:

CAUTION: Contains Asbestos Fibers - Avoid Creating Dust -
Breathing Asbestos Dust May Cause Serious Bodily Harm
10. Asbestos scrap material and dusts shall be removed by the use of toxic dust vacuum cleaners only. No broom sweeping or air hosing will be allowed.
11. Monitoring is performed by Safety and Environmental Control in accordance with requirements of Reference (a)*.
12. Medical examinations are performed by the Medical Department in accordance with Reference (a).
13. Medical and environmental monitoring records are kept as required by Reference (a).
14. Personnel working in the vicinity of pipe ladders using asbestos shall wear respiratory equipment when required by Reference (a). During heavy lagging operations, personnel not performing lagging operations will not work in the compartment or area. Authorized personnel may pass through the area without respiratory equipment but must do so as quickly as possible.

*Reference (a). Occupational Safety and Health Act; U. S. Department of Labor Regulation; Title 29, Part 1910.93a.

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