Ford Manufacturing **Guideline** ☐ New ☒ Revised	Subject: RECOMMENDED WORK PRACTICES FOR HANDLING ASBESTOS Issued by Plant Engineering Office	Number G3-19 Date September 1984 APPLICABLE TO: ☐ MANUFACTURING ENGINEERING ☒ PLANT ENGINEERING ☐ QUALITY CONTROL ☒ Operating Management Effective: Immediately

1. SCOPE

Asbestos is a recognized human carcinogen. The permissible exposure level (PEL) set by OSHA is 2.0 fibers per cubic centimeter for an 8 hour time-weighted-average and 10 fibers ceiling concentration per cubic centimeter of air for fibers longer than 5 microns as protection against asbestosis or scarring of lung tissues. A lower PEL has been proposed. Medical monitoring of employes must be conducted when 8-hour average exposures to dust exceed 0.1 fibers per cubic centimeter.

This guideline outlines a basic approach for limiting employe exposure to asbestos fibers during inspection and repair operations. A slide-tape asbestos training program is available to all components from Employe Health Services.

2. APPLICATION

This Guideline is directed to all Company operations. Manufacturing Guidelines are available upon request to all Company subsidiaries and affiliates.

3. GENERAL

A potential hazard exists wherever asbestos is cut, ripped, drilled, ground, or handled in any way which causes dust to become airborne. The best way to minimize asbestos exposure is to follow good work practices and use equipment designed to protect employes from breathing asbestos.

When asbestos materials are being replaced (i.e. thermal insulation on pipes) or when new facilities or additions are being planned, non-asbestos materials should be utilized. Asbestos materials should be used only when no substitute is available. Some substitutes are listed in this Guideline. Company research projects are presently underway to identify additional substitutes.

CFR 61.20, Subpart B, establishes the requirement that the local EPA Administrator be notified prior to the start of demolition or renovation activities involving asbestos. Contact the Stationary Source Environmental Control Office in order to insure that this requirement is met.

4. WORK PRACTICES

Under the provisions of the OSHA standard, strict work practices and special equipment are required when asbestos is handled in such a way as to cause potential employe exposure to airborne fibers and dust. The following work practices are required when airborne concentrations of asbestos fibers may exceed exposure limits.

* If more than three years old, see Manual Index for latest review date.

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