REYNOLDS METALS COMPANY

SHERWIN PLANT

INDUSTRIAL HYGIENE - PROCEDURE

DATE	May 27, 1977
NUMBER	002
INDUSTRIAL HYGIENE MANUAL SECTION	DUSTS

PLAINTIFF'S EXHIBIT RMC-40

SUBJECT: ASBESTOS

DISTRIBUTION: ALL HOLDERS OF INDUSTRIAL HYGIENE MANUALS

REFERENCE
MESA AIR QUALITY STANDARDS
NCOGIH 1973 TLV STANDARDS
OSHA 1910.1001
PLANT SAFETY MANUAL 402.1.3

ROVALS Safety Director	Maint. Supt. / Plant Engineer	Operations Supt	General Supt.	Tech. Supt.
Lab Director	Plant Physician	Personnel Manager	Asst. Plant Mgr.	Plant Mgr.

I. PURPOSE:

A. To establish procedures to be followed at the Sherwin Plant with reference to employee exposure to Asbestos.

II. APPLICATIONS:

A. Asbestos is not allowed in the Sherwin Plant to be used as insulation or coverings for vessels or pipe.

B. This procedure is applicable to the removal or demolition of Asbestos insulation and coverings.

III. DEFINITIONS:

A. Asbestos is defined as a hydrated magnesium silicate found in the minerals chrysotile, amosite, crocidolite, and tremolite. It is used almost exclusively for heat insulation on vessels, pipe or for textiles which must resist high temperature.

B. Employee Exposure means the 8-hour time-weighted average airborne concentration of asbestos fibers to which any employee may be exposed which shall not exceed two fibers, longer than 5 micrometers, per cubic centimeter of air, as determined by the method prescribed in 1910.1001, paragraph (e).

IV. PROCEDURES AND RESPONSIBILITIES:

A. Department Heads are responsible to ensure compliance with the following regulations:

1. Forward to the Medical Department, Laboratory, and Safety the names of those employees engaged in removal, demolition, or clean-up of asbestos insulation or removal of coverings.

2. Ensure that general foremen and first line supervisors are aware of the hazards involved in the clean-up, removal, and demolition of asbestos and that Standard Maintenance Practice #59, Rev. 1, dated January 6, 1977 is followed when performing the above mentioned work.

3. Provide proper tools, clothing, and respirators for the work to be performed.

4. Proper signs are available and used in areas where appropriate.

5. Asbestos is disposed of in accordance with SMP #59, Rev. 1.

B. Project Engineers in charge of outside contractors are responsible for ensuring that SMP #59, Rev. 1, is also followed by the outside contractor and their work will not expose our employees to asbestos fibers in excess of those as noted in Section III, Paragraph B.

C. The Plant Laboratory is responsible for:

1. Ensuring that sampling activities are conducted on a scheduled basis at all areas or jobs where exposure levels of Asbestos may exceed standards.

2. Notifying the plant physician as to areas and/or jobs where employees are exposed to levels in excess of standards.

3. Maintaining accurate records of all sampling activities conducted, analyzing samples and forwarding the original and only copy of results to the plant physician.

D. The Plant Medical Department is responsible for the following:

1. When notified of an employee or job where exposure to levels of Asbestos exceeds respirable standards, the plant physician shall notify the appropriate department heads and safety director, in writing, that corrective action is required and forward a copy of the report to the office of the plant manager.

2. Notifying appropriate department heads of any test information or changes in regulatory standards that represent actual or potential hazards or violations of applicable regulations.

3. Maintaining medical and personal exposure records (as provided by the Laboratory) for all employees with exposure to Asbestos. Records shall be maintained indefinitely.

E. The Plant Safety Director is responsible for:

1. Monitoring all phases of the program and following up on actual or potential hazards or violations of applicable regulations and advising management regularly until the hazard has been abated and applicable regulations complied with.

2. Informing new employees whose work may involve exposure to Asbestos of the hazards by the plant safety director during orientation.

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