

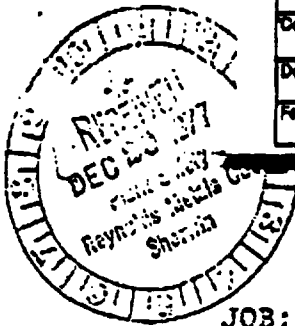
INDUSTRIAL HYGIENE
RECEIVED

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AUG 16 1978

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#59, Regg.

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January 6, 1977

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JOB: Removal or demolition of large and small amount of asbestos containing insulation or removal of coverings from asbestos insulation.

PURPOSE: The purpose of this SMP is to establish methods required to protect personnel working in or around asbestos from exposure to potentially harmful asbestos fibers.

SPECIAL TOOLS OR EQUIPMENT REQUIRED:

Major Clean-up or Demolition:

1. A reusable or single-use air purifying respirator shall be used to reduce the concentrations of airborne asbestos fibers in the respirator below the exposure limits prescribed in this SMP. When the ceiling or the eight-hour time weighted average of airborne concentration of asbestos fibers is reasonably expected to be exceeded by no more than ten times, the ~~SM 3710~~ single-use mask will generally meet these requirements. Under heavy exposure more than ten, but no more than one hundred times, a full face piece respirator is required.
2. Coveralls.
3. Head covering,
4. Rubber boots.
5. Caution signs in accordance with OSHA 1910.93a(g)(1)(ii).

**PLAINTIFF'S
EXHIBIT**
RMC-493

SUPPLIES REQUIRED: Plastic garbage bags with plastic ties.

REFERENCE INFORMATION: OSHA 1910.93a.

MEDICAL EXAMINATIONS:

1. Personnel assigned to work involving exposure to airborne concentrations of asbestos fibers must have had, within the past year, a comprehensive medical examination, which included the items required by OSHA 1910.93a(j).
2. No one shall be assigned to tasks requiring the use of respirators if, based upon their most recent examination,

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the Plant Physician determines that the employee will be unable to function normally wearing a respirator, or the employee's safety or health will be impaired by the use of a respirator.

PERSONAL PROTECTIVE EQUIPMENT:

1. Personnel engaged in removal, demolition, or clean-up of asbestos insulation or removal of coverings from asbestos insulation must wear a single-use respirator or, depending upon exposure level, a full-face piece high-efficiency dust mask.
2. Respirators are to be cleaned, disinfected, inspected, and maintained as detailed in the Sherwin Plant Respirator Program.
3. The company will provide the necessary coveralls, head coverings, gloves, and boots.
4. To prevent the contamination of other clothing, the items which have been exposed to asbestos must be kept in separate lockers which have solid partitions.
5. When coveralls which have been exposed to asbestos are to be laundered, they are to be sealed in plastic bags, labeled, and carried to the laundry pick-up station.

PROCEDURE:

1. Make arrangements for asbestos insulation scraps to be hauled to the dump and buried the day it is removed.
2. Prior to starting disturbance of any asbestos insulation, caution signs are to be placed around the work area at a distance safely away from any dust which may be created. The signs must be located so as to warn anyone approaching the area.
3. Rope off the area to prevent anyone from entering it unknowingly.
4. Check the respirators to be sure they are working properly.
5. Whenever practical, asbestos insulation is to be wetted sufficiently to prevent emission of airborne fibers. Insulation to be removed should be hosed down with water.
6. Care should be taken in removal to create as little dust as possible.

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7. Where large amounts of insulation are being removed, it must be kept in a wet condition as it is picked up and placed in dempster buckets.
8. When the quantity of insulation is small or when it is not practical to keep it wet, it is to be sacked in plastic garbage bags and sealed before removal from the area.
9. All insulation removed is to be picked up, hauled to the dump, and buried the same day it is removed, unless it is kept in sealed containers.
10. Sealed containers of insulation are not to be deposited in trash barrels.
11. Sealed containers of insulation may be placed in dempster buckets along with other trash only when prior arrangements have been made for its prompt burial.
12. All small scraps and fibers of insulation are to be cleaned up before the end of the shift.
13. The caution signs and rope around the area are to be taken down at the end of the shift unless the work is to be continued on the following shift.

CONTROL:

1. Separate work orders will be issued for the removal of asbestos-containing insulation.
2. The numbers for these orders will have the suffix letter "R", which is to be entered on the foreman's time sheet.
3. Maintenance Records Center will keep a daily log of personnel assigned to these jobs as determined from the time sheets.
4. Once each month, they will send a list of all personnel assigned to this work to the Medical Department and the Safety Department.
5. A separate tabulation will be made of asbestos removal jobs so that a current list of asbestos insulation locations may be maintained.

RESPONSIBILITY:

1. The Maintenance foreman assigned shall have the responsibility for insuring that the personnel

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to the work have had the necessary medical examinations, are familiar with the proper care and use of the personal protective equipment, and wear the required equipment.

2. We shall also have responsibility for proper clean-up and disposal of the asbestos insulation removed.

APPROVED:

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