PLAINTIFF'S EXHIBIT

DOW-542

SAFE WORK PROCEDURE

Subject: Shop Fabrication With Asbestos Materials

Minimum Safety Equipment Requirements:

1. Side Shield Goggles must be worn.

2. Approved "Nose and Mouth" Dust Respirator must be worn at all times. (See Page 3)

3. There shall be a Dust Collecting System ~~on Power Equipment~~ adequate to remove large amounts of dust generated.

4. An Insulator Safety Check List is to be filled out prior to the job and properly approved. Turn in to supervisor at completion of job.

Special Precautions:

1. Do not breathe asbestos dust.

2. Do not operate equipment if provision cannot be made to eliminate dust in a safe manner.

3. Normal precautions must be taken for working with power equipment. (See specific Safe Work Procedure for Operating Power Driven Tools if in doubt).

4. When cleaning out the vacuum system of the machines, a respirator must be worn. Wet down dust prior to handling. Place the wet material in polyethylene bags, seal, label and notify Yard Department that asbestos waste is ready for proper disposal at landfill.

5. Good housekeeping in the shop area is to be practiced. Asbestos dust must be vacuumed throughout the shop area if and when such conditions exist.

6. Keep all personnel not directly involved in the fabrication operation away from the area unless they observe minimum safety requirements and have been apprised of the hazards involved.

ST00133336

SAFE WORK PROCEDURE

Subject: Mixing Material Which Contains Asbestos

Minimum Safety Equipment Requirements:

1. Side Shield Goggles must be worn.

2. Approved "Nose and Mouth" Dust Respirator must be worn at all times. (See Page 3)

3. An Insulator Safety Check List is to be filled out prior to the job and properly approved. Turn in to supervisor at completion of job.

Special Precautions:

1. Do not breathe asbestos dust.

2. When mixing whole sacks, do not open sacks and dump into open mixing way. Moisten asbestos by adding water through a small hole in sack until danger of dust is eliminated. Then the material can be removed if necessary to complete mixing operation to desired consistency.

3. Slipping or falling is a hazard to be considered when working around wet asbestos mud.

4. Back strains from handling containers of mixed mud are also a hazard. A means of handling this mixture may need to be provided, depending on the circumstances.

5. Keep all personnel not directly involved in the mixing operation away from the area unless they observe minimum safety requirements and have been apprised of the hazards involved.

6. All contaminated bags, boxes, waste, etc., shall be wetted, placed in labeled polyethylene bags and sent to landfill.

ST00133337

SAFE WORK PROCEDURE

Subject: Handling and Storing Asbestos Materials

Minimum Safety Equipment Requirements:

1. Side Shield Goggles must be worn.

2. Approved "Nose and Mouth" Dust Respirator must be worn at all times. (See Page 3)

3. An Insulator Safety Check List is to be filled out prior to the job and properly approved. Turn in to supervisor at completion of job.

Special Precautions:

1. Do not breathe asbestos dust.

2. Handle materials in such a manner as to minimize exposure to dust. Moisten material with water spray before removing from container if material will not be damaged.

3. Areas used to store asbestos containing materials should be marked "Asbestos Material".

4. Cartons, boxes, etc., that have contained asbestos materials should be wetted, broken and placed in labeled polyethylene bags for disposal.

5. Good housekeeping of shop areas is to be practiced. Clean up all loose dust on floor, machines, shelves, etc., by vacuuming. Wet down, place in labeled polyethylene bags and dispose of dust while damp. Notify the Yard Department to dispose by landfill while material is still damp.

ST00133338

SAFE WORK PROCEDURE

Subject: Sawing and Cutting by Hand or portable power saw

Minimum Safety Equipment Requirements: —

1. Hard Hat must be worn.

2. Side Shield Goggles must be worn.

3. Approved "Nose and Mouth" Dust Respirator must be worn at all times. (See Page 3)

4. An Insulator Safety Check List is to be filled out prior to the job and properly approved. Turn in to supervisor at completion of job.

5. All other safety equipment which is required by job location must be used. (Read Area Safe Work Procedures.)

Special Precautions:

1. Do not breathe asbestos dust.

2. Wear the "Nose and Mouth" Dust Respirator when removing asbestos material from package, installing, or cutting.

3. Keep all personnel not directly involved in the operation away from the area unless they observe minimum safety requirements and have been apprised of the hazards involved.

4. Special precautions shall be taken when using "Skil-Saw" for sawing asbestos materials. To eliminate dust hazards and protect all people in the area, an air operated saw shall be used and the material shall be flooded with water.

5. If water will damage the material, a hand saw shall be used and sawdust collected with a portable vacuum whenever possible. If site work prohibits use of a vacuum pick-up, cuts should be made directly over a collection box or polyethylene bag.

6. All contaminated bags, boxes, waste, etc. shall be wetted, placed in labeled polyethylene bags and sent to landfill.

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SAFE WORK PROCEDURE

Subject: Insulation Removal

Minimum Safety Equipment Requirements:

1. Hard Hat must be worn.

2. Side Shield Goggles must be worn.

3. Approved "Nose and Mouth" Dust Respirator must be worn at all times. (See Page 3)

4. An Insulator Safety Check List is to be filled out prior to the job and properly approved. Turn in to supervisor at completion of job.

5. All other safety equipment which is required by job location must be used. (Read Area Safe Work Procedure.)

Special Precautions:

1. Do not breathe asbestos dust.

2. Hazards from asbestos dust that falls, blows or may be scattered throughout the area must be eliminated.

3. Keep all personnel not directly involved in the insulation removal operation away from the area unless they observe minimum safety requirements and have been apprised of the hazards involved.

4. Use water to wet down the insulation before and during removal.

5. Seal all material in labeled polyethylene bags as removed. The Yard Department is to be notified for disposal at landfill.

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JOB DESCRIPTION: _____ DATE _____

LOCATION _____

I. AREA

		YES	NO
1.	Safe Work Permit Received	☐	☐
2.	Area Safe Work Procedure Known	☐	☐
3.	Nearest Phone _____		
4.	Nearest Eyebath and Safety Shower _____		
5.	Job Site in Safe Condition	☐	☐
6.	Is Pipe or Equipment Safe to Work On?	☐	☐
7.	Are Corrosive Chemicals Involved?	☐	☐
	a. Can lines or equipment be drained?	☐	☐
8.	Is Adjacent Piping and Equipment Safe	☐	☐
9.	Red Tags Needed?	☐	☐
10.	Burn Hazards Present?	☐	☐
11.	Craftsmen Lined Up With Check List?	☐	☐

II. ASBESTOS WORK

		Y
1.	Handbook for Handling Asbestos Materials Used?	☐
2.	Signs and/or Barricades Up to Warn Others ?	☐
3.	Has Disposal of Debris Been Arranged ?	☐
4.	Is Water Needed to Control Dust ?	☐
5.	Stencil on Job to Denote Materials Used ?	☐
6.	Have all Involved Personnel Been Informed	☐

III. Special Safety Equipment Req

- ☐ Coveralls
- ☐ Chemical Goggles
- ☐ Face Shield
- ☐ Acid Hood
- ☐ Air Mask
- ☐ Dust Respirator
- ☐ Rubber Gloves
- ☐ Rubber Boots
- ☐ Slicker Coat
- ☐ Slicker Pants
- ☐ Safety Belt
- ☐ Hearing Protection
- ☐ Other: Specify _____

pecial Hazards _____

_____

pecial Safety Precautions _____

_____

necked and Approved By:	DATE:
ipt. _____	
oreman _____	
owleader _____	
raftsman _____	

IV. Personnel on Job (Name)

		Expo Time
1.		
2.		
3.		
4.		
5.		
6.		

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THRESHOLD LIMIT VALUE

No employee shall be exposed at any time to airborne concentrations of asbestos fibers in excess of 10 fibers, longer than 5 micrometers, per cubic centimeter of air. The eight hour time-weighted average shall not exceed five (5) fibers per cubic centimeter.*

In order to assure compliance with these limits, the Environmental Health Group will make random samples. When special field testing is desired, call Environmental Health at 238-2121.

In order to keep asbestos dust concentration within the proper limits, any dusty conditions connected with the handling of asbestos materials must be kept to an absolute minimum. This must be done as outlined in the previous Safe Work Procedures by wetting down the area, pre-soaking the material, or vacuuming the material as it is cut. Each individual job should be planned with this uppermost in mind.

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* Effective 1 July 1976, this limit is reduced from five (5) to two (2) fibers per cubic centimeter.

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