

COMPANY CONFIDENTIAL

D. A. Hittard, Adm. Bldg. (C)

*Given to Trigs
2-2-81*

January 28, 1981

To: ~~NEW Knowledge~~ Adm. Bldg. (C)

From: J. M. Burkhardt, Adm. Bldg. (C)

JMB

ASBESTOS CITATION - QUESTIONS/ANSWERS

1. Transite Board

Is no longer a stores item - removed July, 1979. May be used on occasion to repair existing installations. Use other materials of construction on new installations. MDP-60 is followed if it is necessary to cut or drill during any repair or alteration of existing installations. See memo - D. E. Poland, December 14, 1978, and notes, Galey attached. (Attachments - I and II)

2. Asbestos Hot Suits and Gloves

These are no longer used, they were replaced with purchase of aluminized "Nomex" suits starting in 1973 and completely phased out sometime in 1975 to the best of people's memory in Mechanical.

Operations in Petchem also no longer use them; however, they think they stopped using them during the 1960's.

3. Overtime - Golt

He worked overtime in the following pay periods starting July, 1979 through May, 1979:

<u>Period Ending</u>	<u>Hours Pay</u>
8/12/79	84
8/26/79	95
9/23/79	87.5
10/07/79	84
12/16/79	95
2/10/80	83.5
3/09/80	88
5/04/80	109.5

783

Golt has been assigned to the Ponsol Dry House and would have worked his overtime there. The Area knows of no pipes that are lagged which operators bang on. At some of the drumming booths they beat on the chute to move material, but this is unlagged steel.

DUP 0906158

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SC-DP-06720

4. Disciplinary Action

No one in any of the General Superintendent groups can recall any specific disciplinary action related to failure to follow procedures associated with asbestos handling.

5. Communications

There is very little evidence of communications on asbestos handling (excluding pipecoverers) prior to September-October, 1979, at which time R. D. Richard's memo of September 11, 1979, was reviewed with most groups on the plant. Some examples of earlier communications are:

Power	4/26/79	Communicated policy verbally to outside line gang.
Power	5/03/79	Communicated hazards of asbestos and work procedures to entire organization and documented.
Dyes	4/79	Results of asbestos building monitoring were communicated to all operators in May, 1979 - partially documented.

Documentation of initial and subsequent communications is not present in all cases throughout the plant.

Mechanical reviewed keypoints of MDP-60 with all personnel in February of 1980 and documented. Hazards of asbestos and handling procedure MDP-60 is reviewed annually as part of the respirator training program. We have documented communications with pipecoverers as early as August, 1976 (see Attachment III).

6. Work Rules

Mechanical

MDP-60 is the work procedure for Mechanical personnel handling asbestos. Preliminary draft was reviewed with ladders in 1978, and it was issued in January, 1979. Mechanical Area Safety Rules contain a statement that MDP-60 is one of the basic procedures to be followed. Basics of MDP-60 were communicated to all Mechanical in February, 1980, and annually thereafter to those in respirator training. We have documentations of work rules reviewed with ladders as early as February, 1977 (see Attachment IV).

Dyes

No written rules on asbestos - have had verbal instructions "not to remove any lagging for any reason."

DUP 0906159

051205

Specialty Chemicals West

Reviewed handling procedures October 21, 1979, and documented. Have a statement on asbestos in current area rules.

Specialty Chemicals East

Noted in General Products - Supervisor Production Book on January 25, 1979 and October 27, 1980 - "operators not to remove lagging." Have statement in 1980 safety rules.

"Freon"

Have no written operating instructions which include asbestos handling. Verbal instructions have been given to leave all handling to Mechanical Department; can support through individual's memory that such instructions were given as early as June, 1978.

Petchem

Have no written instructions which include asbestos handling. Verbal communications have been given to leave all removal of insulation to the Mechanical Department about October, 1979.

Aromatics

See attached memo Burk/McAfee to Root, dated January 21, 1981 (Attachment V).

Polymer Products

See attached memo by Bateman dated September 18, 1979, communicated to employees (Attachment VI).

7. EPA Inspections

See attached memorandums and notes concerning three inspections (Attachment VII).

JMB/b
Attachments

A. Tachman

J. M. Burkhart, Shops Office
D. E. Cregar, Administration Building
R. DeWitt, Shops Office
J. V. Flynn, Administration Building
G. D. Galey, Ladder Corral
L. C. Jennings, J-5 Building
J. C. Lofland, Elastomers Office
F. J. Meadow, Administration Building
P. B. Nelson, Administration Building
R. I. Osmundson, D&C Office
E. R. Read, Field Office
R. M. Yohannan, Building 1094

December 14, 1978

To: C. R. Dewey, Miscellaneous Stores

From: D. E. Poland, Mechanical Training Building #656

TRANSITE MATERIAL

Transite material, pipe and sheet, is used on Chambers Works in various places. Questions have been raised recently concerning the continued use of this material since it contains a high percentage of asbestos fibers. There is a supply of transite sheet in Miscellaneous Stores stock for the repair of barricades throughout the Plant and you requested the Asbestos Compliance Committee, Mechanical Department, make a determination and recommendation for the disposition of this material.

Transite material, as well as other asbestos-bearing materials, do not present a problem as long as the asbestos fibers are contained in a binder. Therefore, there is no particular health hazard involved in routine handling of this material. Since it is a building material that is used as it comes from the vendor and does not normally require a protective coating, no special storage facilities are required. There is no suitable substitute for transite sheet available on the Plant at this time, but the Committee has several under consideration for evaluation.

The present supply that is on hand at Stores should be retained for future repairs. When a suitable substitute is available, then a determination regarding the remaining supply of transite sheet will be made.

By copy of this letter the Mechanical Department is advised that transite material is suitable for continued use with the following precautions being observed. Any cutting or drilling operation to be performed should be done while the material is being wetted in the cutting area. This is done to prevent dusting. The residue

Marinite Board used now

Nov. 17, 1978

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Transite Material

from the cut area and any pieces which could result in dust should be sealed in a plastic bag which is properly identified as asbestos material and sent to the Plant landfill.

The Mechanical Department will continue to seek asbestos free substitutes for this and other asbestos containing material.

DEP:bk

DUP 0906162

Asbestos Craft 18 Bricklayers

1. Told of hazards, when and by whom?

Information concerning asbestos was communicated to all employees when we received it. The exact date was not documented. When MPP came out in 1979 we documented this contact with all personnel, this was also done in 19

2. Work rules?

We have no work procedures for ^(Bricklayers) Craft 18. To my knowledge we have not used any brick or cements that contain asbestos as far back as 1969. In 1979 we suspected that a new cement and grout (L+M) contained asbestos. We had samples tested for asbestos content. The results were negative. Our employees were informed of this test, but this was not documented either.

3. Video Tapes or films

Shown to all salary and wage roll when formal respirator training was started.

1. Transit board in Misc Stores?

DUP 0906163

For Assoc. to it - D. O. A.O. 1070

251500

Do we use it? (Craft 17 2/3 Carpenters)

We replaced approximately 110' ft of corrugated transite on Bldg 1050 the big area on 9/29 and 9/30/80. This material was purchased by the area. This job was worked under the guidelines set forth in MDP-60.

Our current stand in regards to transite is. We will not use it, but will look for substitute materials of construction.

5. Brick with asbestos in it?

None used to my knowledge, going back to 1969

6. Cement with asbestos?

None used to my knowledge, going back to 1969
Lupinetti, my current Craft 18 supervisor recalls that in the late 50's and early 60's loose asbestos and cement was mixed and used as a filler on furnace repairs, around stacks etc.

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7. Did we ever use poured insulation?

Loose insulation was used up until the late 50's. Used to insulate dye dryers (Bldg 1050 / Bldg 1051)

- 5 -

We no longer use any loose asbestos
The use of this stopped before 1960.

8. What type of respiratory protection?

In the 50's and early 60's respirators
were available, and were used at the
discretion of the employees.

9. How is scaffolding cleaned after asbestos
work?

By the crafts removing the asbestos

10. Did we ever use Linjet spray asbestos?

Never heard of it.

Attachment

DON'T SAY IT . . . Write it

TO File LOCATION _____
FROM R. DeWitt LOCATION _____ PHONE NO. _____
SUBJECT Health - Education Safety Meeting DATE AUG. 3, 1976

Dr. W. E. Neeld Jr. Plant Medical, talked to craft #12 Lagers
on Asbestos hazards and plant requirements.

RD/sq

MO-12 (REV. 1/76)

Freedom From Injury in '76

DUP 0906166

TO: File
FROM: R. DeWitt

DATE: 8-2-77

SUBJECT: HEALTH EDUCATION SAFETY MEETING

Dr. W. E. Neeld, Jr. and Dr. J. R. McCarthy talked to the following people on asbestos hazards and services plant medical preforms in the way of periodic examination etc.

<u>EC NO.</u>	<u>NAME</u>	<u>SALARY</u>
20618	Deely	Collins
47465	Kelly	Marge
74205	Pratt	Sgavichio
78335	Romansky	
79591	Saporito	
28198	Filippone	
5075	Berry	
92988	Vogeding	
98535	Wuzzardo	
19509	Darby	
	Bridges	
1041	Anderson	
13898	Christman	
63168	Monaco	
78180	Rogers	
86700	Stanton	
96110	Wilgus	
27666	Faverio	
38835	Heffley	
20880	Delaney	
69803	Panek	
76292	Reed	
81867	Seymour	
89075	Tanner	
44348	James	
77690	Robinson,	
6323	Blohm	
26439	Englett	
40869	Hocknell	
76103	Redkoles	
87568	Stewart	
92953	Vinyard, R.	
93675	Walter	
45220	Johnson	
57524	Martin	
77282	Rinnier	
77068	Richmond	
3599	Battle	

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Attachment V

January 21, 1981

To: ~~R. B. Root~~

From: A. F. Burk
J. L. McAfee

Aromatics Area

QUESTION ON ASBESTOS CONTROL

1. What were chemical operators told about the hazards of asbestos - approximately when and by whom? Provide copies of any documentation.

Asbestos Control Policy for the Aromatics Area was established in R. B. Root's letter to D. A. Hilliard, et al, dated 1/30/79 (Attachment I). See also C. J. Slentz' letter dated 1/25/79 (Attachment II).

In September 1979, R. D. Richardson issued a letter requesting that a verbal communication be made to employees exposed to asbestos (see Attachment III). Nitrators contacted 32 people on 10/17/79 on the potential health hazards of asbestos (documentation attached - Attachment IV). All other Aromatics Area Buildings made similar contacts - October 1979 (no documentation of contacts is available).

A verbal communication to Area operators was made during 1QSO (see Attachment IV). No documentation of attendance or names was made. The communication was made in Area meetings by the Senior Supervisors.

In addition, Monthly Report records show contacts on asbestos as follows (no documentation of attendance was made).

<u>Topic</u>	<u>Month</u>	<u>Building</u>
1. Stripping Asbestos Lagging	9/79	"Monastrel"
2. OSHA Asbestos Meeting	7/80	Nitrators
3. Removal of Asbestos Lagging	5/80	DMA
4. Handling Asbestos	2/80	Chloroamines

For further contacts on asbestos see response to Question 2.

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R. B. Root
Questions on Asbestos Control

2. What are our work rules for the occupations which address the subject of asbestos precautions and procedures? When was this information communicated to them and how (verbally/written)? Please provide copies of written rules. We need the earliest date of record or that can be supported by the memory of specific individuals.

The only time operators in the Aromatics Area encounter potential exposure to asbestos is during the removal of insulation. In January 1980, the following rule was introduced into the Aromatics Area Safety Rules:

"Lagging removal by Operating Personnel is prohibited unless the lagging is known not to contain asbestos."

Verbal contacts at the Building level are made each year during January regarding the Area Safety Rules. Generally no documentation is kept of such contacts other than (in some cases) a record that such a contact was made.

See also policy established within Nitrator Area in 6/79 (Attachment VI).

3. Please provide specifics of any disciplinary action cases, either formal verbal reprimand or written warnings associated with failure to follow asbestos procedures. Either salary or wage roll.

No disciplinary action cases have developed within the Aromatics Area.

AFB/JLM:emb
Attachments
1243W

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