MCC 930920

Monsanto

FROM (NAME & LOCATION) J. J. McClellan - Texas City, LP&S, 0-22 (Ext. 3325)

DATE November 1, 1984

CC: R. T. Hammann

SUBJECT Brushing or Grinding of Gaskets Containing Asbestos

REFERENCE

PLAINTIFF'S EXHIBIT

MON-2443

TO : R. L. Hammond 0-12
W. D. Walker 0-4

Following a request that the Safety Department check on the possible hazard of grinding or brushing gasket material containing asbestos, an LPR was called with Frank Bales - Material Handling, W. M. Recknor - Plant Engineering, and R. H. Moore - Industrial Hygiene. I represented the Safety Department.

Both Frank and Bill said they could think of no reason we would need to brush gasket material from flanges. Scrapers should be used. As to the grinding, Frank checked with Harlan Bessire and found out that he had ground down some tank car dome gaskets that were slightly too large. Frank says this is not needed. Based on this information, we propose to issue the attached LPR.

Please let me know if you have additional comments or requests. Thanks.

Joe

J. J. McClellan

/dgb
attachment

SC 009364

LAM010576

LOSS PREVENTION AND SAFETY

LOSS PREVENTION REVIEW

PROJECT: HAZARDS INVOLVED IN REMOVING OLD GASKETS CONTAINING ASBESTOS

TO:

Frank Bales	AB-1	LP&S Rep.: J. J. McClellan
A. M. Berry	SS-17	
G. W. Bostick	O-8	
D. N. Campbell	2R-9	
Jackie Gaul	AB-1	
R. T. Hammann	O-22	
R. L. Hammond	O-12	
R. H. Moore	2R-8	
W. M. Recknor	SS-12	
M. A. Riddle	O-22	

PROJECT DESCRIPTION:

This review was held to investigate the hazards that may be encountered in removing gaskets containing asbestos. There have been reports that: (1) Sometimes the flange surfaces are cleaned of stuck gasket material with wire brushes, and (2) gaskets have been cut down to a smaller size by grinding.

PROJECT CONTACT: J. J. McClellan MAIL CODE: O-22 EXT.: 3325

LPR ACTION	REQ'D.	DATE	LP&S REPR.
SCOPE LP REVIEW	X	10/23/84	JJM
PROCESS DES. LPR	Waived		
MECH-ELECTR. LPR	Waived		
PRE-STARTUP LPR	Waived		
SITE INSPECTION	Waived		

COMMENTS:

Prior investigations by Industrial Hygiene indicate that:

1. Gaskets containing asbestos are not a hazard to personnel through normal handling.

2. Pieces of gasket left on a flange should be removed by scraping - never by brushing.

3. It is not known for certain if grinding or brushing represents a major hazard to personnel or not - good sampling and testing of this action with gasket material is difficult and has not been done. Since both the grinding of gaskets or the brushing of gasket material from flanges will scatter particles in the atmosphere, to be safe this practice should be discontinued. If for some unforeseen reason either practice should become necessary, then the craftsmen should be suited out the same as insulators when they handle asbestos.

4. This information should be covered in safety meetings to all personnel (Material Handling, Boilermakers, Pipefitters, etc.) that handle asbestos gaskets.

LPR PROCEDURE COMPLETE: LP&S, By _____ _____ _____

October 31, 1984

MONTHLY REPORT - OCTOBER - LOSS PREVENTION

Loss Prevention Reviews

1. Dept. 513 - Preliminary LPR for Cryogenic Ammonia Tank Inspection
2. Dept. 15 - Handling Shell catalyst in Super Sacks
3. Stores - Sample Handling Facilities for Stores/Receiving Area
4. Maint. - Vacuum Hood for Insulator Shop
5. Matl. Handling - Temporary Facilities for Personnel at Dock 4 during Cryogenic Ammonia Barge Unloading to Pipeline
6. Dept. 44 - Reformer Work during Methanol Shutdown
7. Dept. 19 - Dismantling Old Dept. 19
8. Dept. 27 - Change of Inhibitor (Acetic Acid) Specifications for Acetaldehyde
9. Misc. - Hazard Involved in Removing Old Gaskets Containing Asbestos
10. Matl. Handling - Proposed Change in the Loading of Vacuum Trucks with 25% Caustic from Dept. 25 to the Styrene Truck Loading Rack
11. Dept. 15 - 15S2 Cleaning
12. Dept. 13/14 - Anhy. HCl hose Counterbalance Apparatus
13. Dept. 513 - Use of Temporary Tank to Help Empty Large Cryogenic Tank
14. Matl. Handling - Sample Cabinets

Other

1. Annual S&PP Survey - Kurt Frank
2. Safety Meeting - Shutdown Planning - Methanol/Acetic Technology Group
3. Formic Acid Recovery Project Layout Review
4. TLPR - Field Audit Styrene/EB
5. Fire Protection - Acetic Acid - Review

J. J. McClellan

/dgb

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McCLELLAN, J. J. 1984

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HASTINGS, MN

McGREGOR, TX-LOCUST GROVE, GA

U.S.A.