

FILE NAME: Square D (SQD)

DATE: 2014

DOC#: SQD024

DOCUMENT DESCRIPTION: Legal – Deposition of Redfield for Square D –
App#19

AIR BORNE ASBESTOS / FIBERGLAS



- 4/31/73 Molding Department had complete cleaning by Capt. Clean. Asbestos samples taken all below threshold limits.
- 1/21/74 Asbestos samples taken. All below threshold limits.
- 2/21/74 Bipel preformer - Have completed improvements on hopper to reduce volume of air borne asbestos dust.
- 7/17/74 Asbestos samples taken 7/17/74. Bedford Lab reported 4.5 fibers in excess of 5 micrometers. Threshold limits at 5.
- 9/18/74 Bipel preformer - Will build enclosure to contain pressing area and provide evacuation system.

#7 punch press - Cost to wash fiberglass strip prohibitive.

ED will investigate possibility of using manufacturer's standard thickness. We will transfer large Torit dust collector to #7 punch press to alleviate problem.

- 11/21/74 Molding dust samples taken second day of inventory. All fans and operations down results

Auto room 2.0

Preform 1.2

Semi area 1.2

(This indicates we have a problem with dust filtering down from overhead due to the extremely heavy accumulation of dust overhead, on the equipment and walls. Recommend complete area cleaning before next test 1/75.)

- 11/21/74 Reinstalled proper preform loader, new discharge hose and secure preform cover properly.
- 11/21/74 Torit dust collector transferred to #7 punch press - operation improved.
- 11/21/74 #7 punch press die enclosure must be improved so dust can be evacuated to dust collector.
- 12/19/74 Arrangements made to clean Molding Department by 2/3/75.
- 1/20/75 #7 punch press - Will complete plexiglas die enclosure by 1/27/75.
- 1/31/75 Asbestos dust samples taken on 1/31/75 to determine effect cleaning the area will have on air borne asbestos.

Results:

Auto Room	3.30
Semi Room	4.45
Preform	5.36

2/11/75 Molding area - Cleaned on 1/31, 2/1, 2/2, 1975.

New air samples taken 2/3/75.

Test results after area was cleaned:

Auto Room	1.5
Semi Room	1.4
Preform	2.8

2/20/75 Will turn Bipel preformer 180° and measure the effects this will have on the results, as air will then be flowing over employee and then over preformer area. As the exhaust fan is on the opposite side of the preformer this should keep some of the air borne asbestos away from the operator.

- 3/20/75
- a. We have completed enclosing openings on #7 punch press and have improved dust problem; however, we are still having a fiberglas particle problem due to inadequate air volume of our present dust collector.
 - b. We have turned the Bipel preformer 180° to improve the asbestos problem for the preform operator. We have taken dust samples and delivered them to Bedford Lab for analysis on 4/16/75.

4/25/75 Asbestos sample results:

Preform	0.82
Auto Room	1.30
Semi Room	0.98

It would appear that turning the preformer had the desired results.

4/25/75 Idea to buy fiberglas stock at standard thickness dropped - fabricated parts will not fit in breaker. Will need to improve #7 press enclosure and add new dust collector.

Page 2 - Brazing Guarding

Silver solder dispenser (paste) works very good. Sent back to TE for more development. We may use this device with two palm buttons and not have to use welder guards.

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