

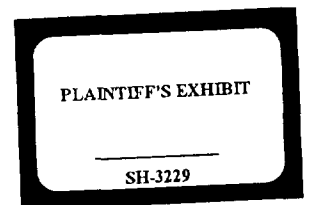
**BROWN & ROOT U.S.A., INC.
SHELL DEER PARK MANUFACTURING COMPLEX**

INTEROFFICE MEMO

7243
1-28-88 A. J. Schmit
✓
ECB SATE
Copy:
Circulate:

January 25, 1988

TO: Jerry Stalling - Maintenance
FROM: Bill Smithson
RE: Asbestos Monitoring Results



Industrial hygiene monitoring was conducted with your personnel during the month of January. The purpose of the monitoring was to determine employee exposures to asbestos during insulation removal activities on Exchanger E-1086 located at LPG.

As summarized in the Attachments, the area air sampling result was within the Occupational Safety and Health Administration (OSHA) permissible exposure limits. The personal air samples indicate that the PEL of 0.2F/cc was exceeded on an employee that was responsible for handling the bags. A review of the sampling data sheets indicated proper protective clothing and respiratory protection were worn by the employees during the monitoring period.

According to the OSHA regulations you must communicate the report to the affected employees and I would encourage posting of the report in an area accessible to other similar craft personnel for their review also.

If you have any questions concerning this report, call me at 476-6917.

WJS:kc

Attachment

cc: Allen Schmit - Shell Industrial Hygienist
Ken Dessert - Capital

LAM 006396

DPMC-18261

BROWN & ROOT U.S.A., INC.
ASBESTOS MONITORING RESULTS
SHELL DEER PARK MANUFACTURING COMPLEX

AREA: LPG JOB ACTIVITY: (1) & (2) Removed and Kept Wet ACM from Exchanger
E-1086, (3) Bagged ACM from Same, (4) Area Sample.
Amended Water Used. ACM Appeared Saturated.

NAME	SOC. SEC. NUMBER	JOB TITLE	SAMPLE DATE	SAMPLE DURATION (MINUTES)	TIME-WEIGHTED AVERAGE RESULT (FIBER/cc) #1	CALCULATED 8 HOUR TWA
(1)		Insulator	01-14-88	195	0.230	0.09 *
(2)		Insulator	01-14-88	230	0.110	0.05 *
(3)		Insulator	01-14-88	240	0.790	0.39 *
(4)	Area Sample Downwind 25' from E-1086		01-14-88	320	<0.007	

LAM 006397

DPMC-18262

* No Additional Exposure for the Remainder of the Shift.

Permissible Exposure Limit..... 0.2 F/cc

- 1) Fiber/cc - Fibers Of Asbestos Per Cubic Centimeter Of Air.