

729.0
Dist...

INTEROFFICE MEMORANDUM

SEPTEMBER 19, 1988

FROM: W. B. AUSTIN, SR. INDUSTRIAL HYGIENIST, HEALTH & SAFETY
DEER PARK MANUFACTURING COMPLEX

TO: R. L. JACOBY, MANAGER DISTILLING
DEER PARK MANUFACTURING COMPLEX

SUBJECT: MONITORING RESULTS

Attached are area exposure monitoring results for Total Nuisance Dust and Inorganic Lead at Distilling while sandblasters were blasting in the piperacks south of DU-1 & 3 Control Room.

The sampling results may be compared to the following DPMC Exposure Guidelines:

	<u>Permissible 8 Hr. TWA Exposure Guideline</u>	<u>Permissible Short-term Exposure Guideline</u>
Total Nuisance Dust	10.0 mg/m ³	-
Inorganic Lead	0.05 mg/m ³	-

The attached monitoring results should be posted in areas that are accessible to personnel who work in the vicinity of where this work was being performed.

We appreciate your assistance in this program. If there are any questions, please call me at 7369.


W. B. Austin

Attachment

cc: W. L. Neal
ECB Satellite
WBA Chron

CHBT8826302 - 0001.0.0

DPMC-05797

LAM 009346

MONITORING RESULTS FORM

DEPARTMENT/PROCESS: DISTILLING

JOB DESCRIPTION:

AREA SAMPLES

SAMPLE RESULTS (mg/m ³)											
NAME	EMP. NO.	DATE	TIME	TOTAL		SAMPLE PERIOD (MIN)	WORK DESCRIPTION	(1) 8-HR TWA	(2) RESP		
				NUISANCE DUST	INORGANIC LEAD						
				GUIDE-LINE = 10.0 mg/m ³	GUIDE-LINE = 0.05 mg/m ³						
Area Sample		3/23/88	0835 1435	<0.5	<0.0011	360	Area sample collected 50 feet from sandblaster in piperack south of DU-1 & DU-3 Control Room. Pump placed in walkway east of control room.				
Area Sample		3/23/88	0838 1437	<0.5	<0.0011	359	Area sample placed 175 feet north of sandblaster working in piperack south of DU-1 & DU-3 Control Room. Sample placed in walkway north of control room.				
Area Sample		3/23/88	0835 1436	<0.5	0.0135	361	Area sample collected 50 feet of sandblaster working in piperack about 30 feet above ground south of DU-1 & DU-3 control room.				

DPMC-05798

- (1) X indicates that the sample result is a measure of the eight-hour time-weighted average exposure
 (2) X indicates that a respirator was worn during the sampling period.

CHBT8826301 - 0001.0.0

LAM 009347

MONITORING RESULTS FORM

DEPARTMENT/PROCESS:		DISTILLING		JOB DESCRIPTION:		AREA SAMPLE			
NAME	EMP. NO.	DATE	TIME	SAMPLE RESULTS (mg/m ³)		SAMPLE PERIOD (MIN)	WORK DESCRIPTION	(1) 8-HR TWA	(2) RESP
				TOTAL	INORGANIC				
				NUISANCE DUST GUIDE-LINE = 10.0 mg/m ³	LEAD GUIDE-LINE = 0.05 mg/m ³				
Area Sample		3/23/88	0833 1435	<0.5	0.0015	362	Area sample collected 100 feet downwind of sand-blaster working in pipe-rack 30 feet above ground south of DU-1 & 3 Control Room.		
Area Sample		3/23/88	0836 1436	<0.5	0.0015	360	Area sample collected 50 feet northeast of blaster working in piperack south of DU-1 & 3 Control Room.		
Area Sample		3/23/88	0838 1434	<0.5	<0.0012	356	Area sample collected 200 feet northeast of blaster at north barricade.		
Area Sample		3/23/88	0846 1433	<0.5	<0.0015	347	Area sample collected east of blaster at compressor supplying breathing air.		

DFMC-05799

LAM 009348

- (1) X indicates that the sample result is a measure of the eight-hour time-weighted average exposure
 (2) X indicates that a respirator was worn during the sampling period.

CHBT8826301 - 0002.0.0

MONITORING RESULTS FORM

DEPARTMENT/PROCESS:		DISTILLING		JOB DESCRIPTION:		AREA SAMPLES			
NAME	EMP. NO.	DATE	TIME	SAMPLE RESULTS (mg/m ³)		SAMPLE PERIOD (MIN)	WORK DESCRIPTION	(1) 8-HR TWA	(2) RESP
				TOTAL NUISANCE DUST GUIDE-LINE = 10.0 mg/m ³	INORGANIC LEAD GUIDE-LINE = 0.05 mg/m ³				
Area Sample		3/23/88	0835 1435	<0.5	<0.0011	360	Area sample collected 50 feet from sandblaster in piperack south of DU-1 & DU-3 Control Room. Pump placed in walkway east of control room.		
Area Sample		3/23/88	0838 1437	<0.5	<0.0011	359	Area sample placed 175 feet north of sandblaster working in piperack south of DU-1 & DU-3 Control Room. Sample placed in walkway north of control room.		
Area Sample		3/23/88	0835 1436	<0.5	0.0135	361	Area sample collected 50 feet of sandblaster working in piperack about 30 feet above ground south of DU-1 & DU-3 control room.		

DPM

DPMC-05800

LAM 009349

- (1) X indicates that the sample result is a measure of the eight-hour time-weighted average exposure
 (2) X indicates that a respirator was worn during the sampling period.

CHBT8826301 - 0001.0.0

MONITORING RESULTS FORM

DEPARTMENT/PROCESS:		DISTILLING		JOB DESCRIPTION:		AREA SAMPLE			
SAMPLE RESULTS (mg/m ³)									
NAME	EMP. NO.	DATE	TIME	TOTAL		SAMPLE PERIOD (MIN)	WORK DESCRIPTION	(1) 8-HR TWA	(2) RESP
				NUISANCE DUST GUIDE-LINE = 10.0 mg/m ³	INORGANIC LEAD GUIDE-LINE = 0.05 mg/m ³				
Area Sample		3/23/88	0833 1435	<0.5	0.0015	362	Area sample collected 100 feet downwind of sand-blaster working in pipe-rack 30 feet above ground south of DU-1 & 3 Control Room.		
Area Sample		3/23/88	0836 1436	<0.5	0.0015	360	Area sample collected 50 feet northeast of blaster working in piperack south of DU-1 & 3 Control Room.		
Area Sample		3/23/88	0838 1434	<0.5	<0.0012	356	Area sample collected 200 feet northeast of blaster at north barricade.		
Area Sample		3/23/88	0846 1433	<0.5	<0.0015	347	Area sample collected east of blaster at compressor supplying breathing air.		

DPMC-05801

(1) X indicates that the sample result is a measure of the eight-hour time-weighted average exposure
 (2) X indicates that a respirator was worn during the sampling period.

CHBT8826301 - 0002.0.0