



Shell Oil Company • Shell Chemical Company
Interoffice Memorandum

124-1
*Cat
Crack.*

PLAINTIFF'S EXHIBIT

SH-758

AUGUST 5, 1987

FROM: H.F. ELY, SENIOR SAFETY INSPECTOR, HEALTH & SAFETY
DEER PARK MANUFACTURING COMPLEX

TO: J.W. OVERMAN, PROCESS MANAGER, CAT CRACKING & GAS
DEER PARK MANUFACTURING COMPLEX

SUBJECT: MONITORING RESULTS FOR INORGANIC LEAD AND HEXAVALENT
CHROMIUM DURING ABRASIVE BLASTING AT CC&G

Attached are updated industrial hygiene monitoring results for total dust, inorganic lead and hexavalent chromium which were collected downwind of abrasive blasting at Cat Cracking & Gas. The sampling results may be compared to the following exposure guidelines:

	<u>Eight-hour Time-weighted Average</u>
Inorganic Lead	0.05 mg/m ³
Hexavalent Chromium	0.05 mg/m ³
Total Dust	10.0 mg/m ³

All of the area samples were positioned approximately 50 feet downwind of the blasting and the results were below the exposure guidelines for inorganic lead, hexavalent chromium, and total dust.

These results should be posted in an area accessible to the personnel who work in the Cat Cracking and Gas areas.

If you have any questions, please call me at extension 7710.

H.F. Ely
H.F. Ely

HFE/md

Attachment

cc: W.B. Austin
A.F. Schmit
P.M. Spicer
ECB Satellite
HFE Chron

CHBT8721706

DPMC-05169

LAM 008666

MONITORING RESULTS FORM

DEPARTMENT/PROCESS:

CAT CRACKED GAS

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
				INORGANIC		TOTAL	HEXAVALENT					
				LEAD	DUST	CHROMIUM						
				GUIDE-LINE = 0.05 mg/m ³	GUIDE-LINE = 10.0 mg/m ³	GUIDE-LINE = 0.05 mg/m ³						
Area		6-1-87	0850 1400	-	0.41	<0.005		310	Sample located west of CCU control room at south-east corner of compressor shed platform. Approx. 50 ft. downwind of blaster.			
Area		6-1-87	0850 1400	0.0114	<0.3	-		310	Sample located west of CCU control room on south-east corner of compressor shed platform. Approx. 50 ft. downwind of blaster.			
Area		6-1-87	0840 1400	<0.0004	<0.3	-		320	Sample located approx. 50 ft. downwind of blasting source at Gas Recovery Fractionator.			
Area		6-1-87	0840 1400	-	0.15	<0.005		320	Sample located approx. 50 ft. downwind of blasting source at Gas Recovery Fractionator.			

CHBT8721504

DPMC-05170

LAM 008667