

PLAINTIFF'S EXHIBIT

TEX-128

file

SAF - INDUSTRIAL HYGIENE
TEXACO U.S.A.
PORT ARTHUR PLANT

DATE: October 12, 1984
TO: Mr. R. A. Cox
Houston, Texas
FROM: Mr. L. T. Townsend
Port Arthur, Texas
SUBJECT: SAF - Industrial Hygiene
Program Evaluation

TEXACO U.S.A. HOUSTON			
ENVIRONMENTAL HEALTH AND SAFETY			
OCT 18 '84			
RAC		CWD	
RCM		FCH	
CFH		DWM	
ERK		AET	
JFY		ELN	
DJS			
CHM			

Attached, as you requested in your September 27, 1984 letter, is Port Arthur Plant's response to the industrial hygiene program evaluation questionnaire. Responses are in the same order as the questions.

L T Townsend

RSH:JMB

SAFETY & INDUSTRIAL HYGIENE			
OCT 20 1984			
JRS			
CHP			
GP			
DJS			
H-S			
POJ			
CHP			
JUV			
KH			

Attachment

BS - JMB 10/19/84

WA-TEX 001181

ANSWERS TO INDUSTRIAL HYGIENE
QUESTIONNAIRE

1. Respiratory Protection for Hydrogen Sulfide is as follows:

Canister Gas Mask - tank gauging - 400 ppm H₂S vapor space concentration.

SCBA - Tank gauging - 400 ppm H₂S vapor space concentration
- H₂S greater than 10 ppm H₂S in other areas
- Breathing into line with unknown concentrations of H₂S
2. Respiratory Protection for asbestos is as follows:

3 M 9920 or MSA Comfo II with Type F filters
3. Respiratory Protection in confined spaces

See attached card.
4. How often is each employee formally trained/retrained in Respiratory Protection?

On the average, every two years.
5. The Gas Mask Shop issues respiratory protection.
6. The Gas Mask Shop cleans respirators.
7. The Gas Mask Shop is responsible for storing and maintaining respirators.
9. Yes
10. Yes
11. Yes
12. Monthly
13. 950
14. Yes, some.
15. Those who work 50% of time or greater on job where 8 hr TWA is 85 dBA or greater.
16. Medical Department
17. Those showing an OSHA-STS are notified in writing the day of the test.
18. Industrial Hygiene Department. Insert devices are not initially fitted.
- 18A. Medical Department and Industrial Hygiene Department advises on the effect of noise. Training provided upon employment and during scheduled audiograms.

19. Industrial Hygiene Department Program calls for new contour on unit every three years.

20. In service 8 Transformers
 18 Capacitors

Out of service 1 Transformer

Items in storage will be disposed of within one year from the date they are removed from service.

21. Yes

22. October 11, 1983

23. Superintendent-Environmental, Health & Safety

24. Yes

25. Yes

26. Yes

27. In progress now.

28. Everyone has been trained once. Operators have been trained twice.
Routine bulletin items issued.

29. Yes

30. Yes

31. Yes and safety meetings are held with contractors when they first move in on job. Pre-bid meetings are held.

32. No, however we have a standard safety exhibit that is included in all contracts.

33. Yes, on first report. We do not get a report on all contractor injuries or illnesses.

34. No.

35. Yes

10

J. L. Duplechin and S. W. Addison (Alternate)

36. Continuous gas monitors are to be used when personnel are required to enter any enclosed vessel which may contain combustible gases. A continuous gas monitor is not required for all hot work.

37. O₂
%LEL
Lead-in-air test taken after tank is clean and dry.
38. No. Some tank cleaning jobs do not require respiratory protection because of ventilation and nature of product.
39. 20% Staff work
20% Complaint/accident investigation
5% Plant inspection
10% Training
10% Insurance claims/loss control
5% Issuing permits/inspecting permitted jobs
20% Industrial hygiene sampling
10% Litigation
40. Yes, when results exceed OSHA allowable limits.
41. Yes
42. Local exhaust not required. Where possible general dilution is required.
43. Face velocities measured every 6 months. Minimum face velocity is 125 fpm.
44. Yes, one.
Yes, two.
45. Yes
46. Urine samples provided every six months. Employees included are:
a. 7th Street pumphouse operators
b. PAT night foreman
c. PCD octane lab technicians and machinist
d. Shipping Division personnel concerned with TEL blending.
47. Most industrial hygiene activities are handled in-house.
48. Standardized programs for Hazardous Communication Standard, training aids.
49. NA
50. NA
51. NA
52. Yes
53. Hazardous Communication Standard
54. No
No
55. Yes
Yes