

FILE NAME: FISH

DATE: 1985 June 28

DOC#: FISH006

DOCUMENT DESCRIPTION: Unpublished Internal Inspection Report

Monsanto

Calafish
FBI & return
KW

NAME-LOCATION-PHONE: Dept. of Medicine & Environmental Health

T. L. Blank - G2WB 4-8716

DATE : June 28, 1985

SUBJECT : IH MONITORING AT FISHER SHERMAN

REFERENCE : TLB Visit 4/8-11/85

TO : N. J. Wallen - 1835

R. L. Allen - 1580

G. W. Buttler - Q3D

D. L. Coleman, M.D. - G2WF

J. L. Henshaw - G2WB

R. S. Kendall - 1835

W. D. Sumner - 1835

Sherman Plant File

Please find attached a Summary Analytical Report for the monitoring performed during the above referenced visit. The industrial hygiene field monitoring included paint solvent sampling, asbestos monitoring and welding fume samples.

Paint solvent monitoring consisted of n-butanol sampling with 3M #3500 organic vapor monitors. Dupont P-2500 and P-4000 personal pumps and MCE filter cassettes (3-piece for asbestos) were used for the asbestos and welding fume sampling. All equipment was calibrated prior to the monitoring period and was found in calibration following use.

N-Butanol

Four personnel samples were taken in the painting areas. No values were greater than the limits of detection. Although no airborne exposure to n-butanol was noted, care should be taken to eliminate skin contact since this may be the most common route of exposure.

Asbestos

Four personnel samples and one area sample were taken in the valve assembly area. No values greater than the limits of detection.

Welding Fumes

Five personnel samples and two area samples were taken on the first and second shifts in the welding shop. ICAP analysis was performed and no values exceeded TLV's or OSHA PEL's with one exception. A single cobalt sample appeared to be above the TLV. However, an area sample taken at the same time or a second personnel sample on the following day did not parallel these results. Due to this result and the fact that stellite contains cobalt it is recommended that additional samples be taken to determine if this level is, in fact, real. It is important that ventilation be provided in this area, as previously recommended (memo TLB to NJW 5/13/85), no matter what the outcome of additional sampling.

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IN-10-M (REV. 10/83)



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I would like to thank you, Bob Kendall and all those who participated in this monitoring program. Please inform all employees monitored of their individual results.

Should you have any questions, please contact me.

Best regards,

Tom

T. L. Blank

/ph

Attachment

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MONSIEUR
INDUSTRIAL HYGIENE STATUS REPORT & ASSESSMENT STRATEGY

Page -

Department: Assembly

Issued by: T. L. Blank/ N. J. Wallen

Location: FISHER - SHERMAN

Date: March 9-10, 1987

Chemical/Physical Agents	Job Classification/ Number Exposed	O N E d	Summary of Previous Results	Exposure Limit	Assessments/Comments	Monitoring for:					* P V
						F r e q	Pers. TWA	Area TWA	S or C	Job	
Asbestos	Assemblers (33) Team Leaders (2) Supervisor (1)		Personal Samples None detected N = 4 Area None detected N = 1	0.2 f/cc OSHA	Asbestos bound in rubber. Never been a problem with results below detection limit.	B	10	3	-	-	-
WD-40 Mitra Joint Compd. Loctite Pipethread & Gasket Sealer Dow 111 Compound Lubriplate			None available.	N/A	Used in small quantities, could be an ingestion hazard without proper personal hygiene.	-	-	-	-	-	-
Never-Seen			None available.		Contains lead in a petroleum base. May be considered an ingestion hazard without proper personal hygiene. May need to consider biological monitoring.	-	-	-	-	-	-
Noise			X X Personal Samples Std.D. 82.6 ± 2.8 N = 9 Range 78.1-86.1	OSHA 90 dBA ACGIN 85 dBA	Should be included in Hearing Conservation Program. Noise map should be reevaluated on an annual basis.	A	15	-	-	-	-

Y = OE (Occupationally Exposed Job Classes)
N = Med. (Special Medical Surveillance)

Freq. = A-Annual
S-Semiannual
M-Monthly

B-Biennial
T-Triennial

S or C - STEL or Ceiling
FV - Field Validation
* - Minimum 1/sampled shift

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