PLAINTIFF'S EXHIBIT

UC-3796

WORKPLACE ENVIRONMENT MONITORING - FIELD DATA SHEET

Sampling and Analysis Conducted by: Industrial Hygiene Consultants, Inc. Date: 5-3-84

Sampling performed by: Industrial Hygiene Consultants, Inc. Report to: Union Carbide Corp.

Job Name: Union Carbide Corp. Location: Institute, W. Va. Date: 5-3-84

Work Area: Building 401 Pump Room Sampled by: Jerry Lewis, III

Shift: Day ✓ Eve. ✓ Mid. ✓ No. Employees Sampled: 1

Smoke - Chem: Bright Yellow, Top Tight, Sample Name, Loc. No., Sec. No., Monitoring Proc. No., Page No. - Monitoring Proc. No.

Sample No.	Pump Serial No.	Pump Flow Control Set	Pump KV	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sampling Time	Lot No.
1	4552			47644	47844	200	1000	1800	800	080
2	4548			48244	48444	200	1001	1801	800	080
3	4544			47844	48044	200	1001	1801	800	080
4	4550			48444	48644	200	1001	1801	800	080

Sampling Equipment Used: Gilian Model HFS-113A Personal Sampling Pump

Calibration Method: Bubble Tube

Pre-Sampling Calibration: 2000 cc/min

Post-Sampling Calibration: 2000 cc/min

Sampling Train Components: Tygon Tubing, Mixed Cellulose Ester Membrane Filter, 37 mm Cassette

Sampling Media: Mixed Cellulose Ester Membrane Filter, 0.8 μm Pore Size

Sampling Duration: 8 hours

Sampling Rate: 2 l/min

Total Volume Sampled: 960 l

Analytical Method: Phase Contrast Microscopy

Analyzed by: Jerry Lewis, III

Date Analyzed: 5-8-84

Analytical Results: 0.08 f/cc

Comments: Sampling conducted during routine maintenance operations. Pump 4 failed to start at 1800 hrs. Restarted at 1801 hrs. Net sampling time adjusted accordingly.

Reviewed by: J. Lewis, III

Date: 5-10-84

Union Carbide trial exhibit UC-3796: Workplace Environment Monitoring Field Data Sheet and Industrial Hygiene W…
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INDUSTRIAL HYGIENE WORKPLACE SAMPLING SURVEILLANCE COMMENTS

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Date 2-13-86   Project ASBESTOS   Department 064010/327000 BLDG 134

General Operating Conditions: REMOVING INSULATION FROM BLDG 134 1st FLOOR NORTH REGION OF AREA. SAMPLES NEAR WHERE OPERATORS LIKELY TO TRAVEL

Sampling Method and Equipment: Personal ___ : Area ✓ : Portable Sampler Pump ___ : Charcoal Tube ___ :
Bag ___ : Other FILTER CASSETTE

Remarks:

Shift: Day ✓ Eve. ___ Mid. ___ No. Employees ___ Sampled by LEM III/MCY

Employee Name, Job Title, Payroll No., Soc. Sec. No., Bldg. No. - Monitoring Loc. Smoke - Chew?	Sample No.	Pump Ser. Number	Pump KV	Pump Flow Control Set	Initial Pump Reading	Final Pump Reading	Net Pump Reading	Start (Time)	Stop (Time)	Net Sample Time, Min.	Liter Volume
NEAR N.W. EXIT	1	9253			2LPM	2LPM	2LPM	0830	1515	405	810 .002
NEAR N.E. EXIT	2	4862			2LPM	2LPM	2LPM	0830	1515	405	810 .002

#1 + #2 = 3F/100 Fields

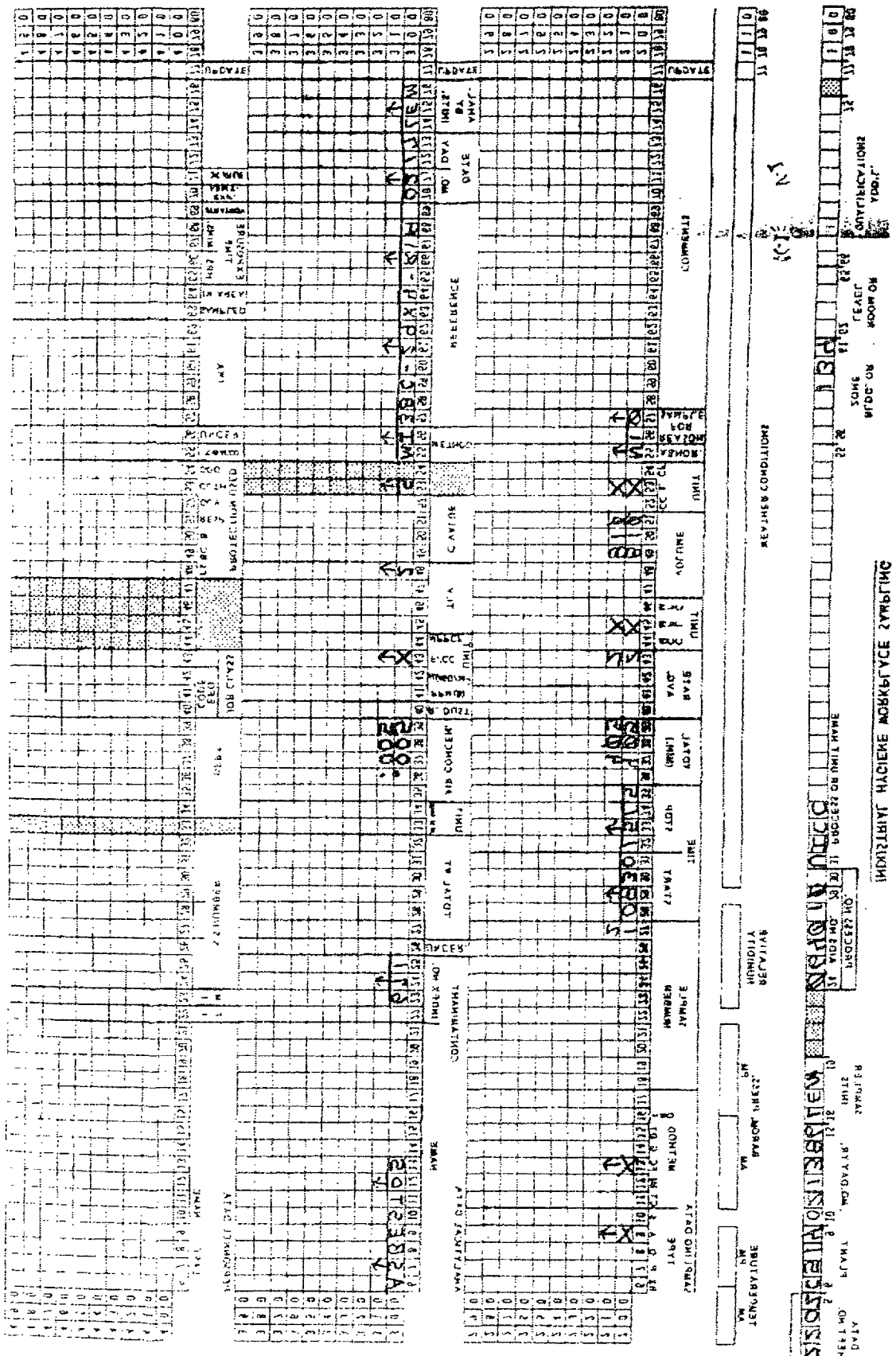
3 ÷ 100 = .03

.03 x 855 ÷ 5.8 ÷ 810 = .005 F/CC

Remarks: (See Reverse Side)

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UCC 0012402

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