

SAMPLING FORM

Sety 1-1

HEAD OFFICE

2-1-15

HIL-0511235

1. ☒ EMPLOYEE SAMPLED 2. ☒ SOCIAL SECURITY NUMBER 3. ☒ EMPLOYEE NUMBER 4. ☒ JEP OR AREA CODE 5. ☒ JOB TITLE 6. ☒ EMPLOYEE'S EMPLOYER 7. ☒ LOCATION (FACILITY OR OTHER) 8. ☒ AREA/UNIT DESCRIPTION 9. ☒ OPERATING CONDITION/OPERATION 10. ☒ START TIME	11. ☒ 10 PERSONAL TWA 12. ☒ 20 PERSONAL PEAK 13. ☒ 30 AREA 14. ☒ 40 BLANK 15. ☒ 50 BULK 16. ☒ 60 LAB CONTROL 17. ☒ 70 SOURCE 18. ☒ 80 PERSONAL TASK 19. ☒ POSSIBLE INTERFERENCES/INSTRUCTIONS	20. ☒ 10 CHARCOAL TUBE 21. ☒ 20 FILTER (RESP.) 22. ☒ 30 FILTER (TOTAL) 23. ☒ 40 IMPINGER 24. ☒ 50 PASSIVE DOSIMETER 25. ☒ 60 SILICA GEL 26. ☒ 70 PACKED TUBE 27. ☒ 80	28. ☒ BAROMETER 29. ☒ WIND 30. ☒ TEMPERATURE 31. ☒ HUMIDITY 32. ☒ % RH	33. ☒ SAMPLE NO. 34. ☒ DESCRIPTION OF COLLECTOR (MFG., LOT NO., ETC.) 35. ☒ RETURN RESULTS TO 36. ☒ DATE SAMPLED 37. ☒ SHIFT 38. ☒ PHONE	39. ☒ ANALYSIS REQUIRED 40. ☒ NAME 41. ☒ RESULT 42. ☒ UNIT 43. ☒ 10 PMW 44. ☒ 20 MG/M³ 45. ☒ 30 PPGV 46. ☒ 40 FIBER/CC 47. ☒ 50 % VOL 48. ☒ 60 MG 49. ☒ 70 % WT 50. ☒ 80 FIBER 51. ☒ 90	52. ☒ INSTRUMENT TYPE 53. ☒ SERIAL NO. 54. ☒ CALIBRATION DATA 55. ☒ BY 56. ☒ REFERENCE METHOD 57. ☒ DATE 58. ☒ INITIAL 59. ☒ FINAL 60. ☒ COUNTER READING 61. ☒ VOLUME PER COUNT 62. ☒ FLOW RATE 63. ☒ INITIAL 64. ☒ FINAL 65. ☒ NET 66. ☒ AVG. 67. ☒ SAMPLING TIME 68. ☒ MIN 69. ☒ SAMPLING VOLUME 70. ☒ LITERS	71. ☒ INFORMATION FOR TWA DETERMINATION 72. ☒ LENGTH OF SHIFT 73. ☒ DOES THIS SAMPLE REPRESENT EXPOSURE OVER THE ENTIRE SHIFT 74. ☒ IF NO, COMPLETE THE FOLLOWING: 75. ☒ INCLUDE RESULTS FROM 76. ☒ ADDITIONAL SAMPLES (ATTACHED) 77. ☒ ASSIGN ZERO EXPOSURE FOR 78. ☒ MINUTES OF SHIFT DURING PERIOD NOT SAMPLED 79. ☒ WAS A RESPIRATOR WORN DURING SAMPLE TO CONTROL EXPOSURE? 80. ☒ YES 81. ☒ NO 82. ☒ DID ANY SIGNIFICANT SKIN CONTACT OCCUR? 83. ☒ YES 84. ☒ NO	85. ☒ COMMENTS 86. ☒ PLAINTIFF'S EXHIBIT 87. ☒ SH-3573 88. ☒ LAM 022786	89. ☒ CLASSIFIED BY 90. ☒ REVIEWED BY 91. ☒ DATA CLASSIFICATION 92. ☒ 01
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ABS-001858

ANALYTICAL REPORT

CONDITION OF SAMPLE ☒ OK ☐ SEE BELOW	DATE RECEIVED 49-4	DATE REPORTED 50-5	METHOD CODE HSDom	NO OF ANALYSES 1	LAB. NO. IHL-054235
ANALYZED BY M. L. L. L.	DATE ANALYZED	LAB RECORD NO. 19278-38	ACCOUNT NO. 82712		
METHOD/REFERENCE					

COMMENT

RESULTS ☐ PPM ☐ MG/M ☐ MG ☐ PPBV ☐ µ G/M ☐ µ G USE < LIMIT OF DETECTION (NOT N.D.) APPROVALS

SEE ATTACHED REPORT

LAM 022787

ABS-001859

OPERATIONAL CODES

OPERATING CONDITION CODE (01-15)

(For TWA Samples)

Normal

Startup

Upset/spill/leak

Shutdown/turnaround

Maintenance

Other (Specify in written

Comments section)

OPERATION CODE (16-60)

(For Peak or Task Samples)

Operations

Handling/d:spiral of product/process

Sample(s)

Working around spill/leak

Gauging tank(s)

Analyzing product/process sample(s)

Collecting product/process sample(s)

Other Operating Tasks (Specify in

Comments section)

Maintenance

Ent. y/work in confined space

Removing insulation

Applying insulation

Breaking into process line

Changing product/process filters

Maintenance (Continued)

Installing/removing blinds

Cleaning equipment (draining, purging,

decontaminating)

Tank/equipment inspection

(involving entry)

Degreasing/solvent washing

Weeding/grinding/cutting

Painting

Abrasive blasting

Carpentry

Other mechanical work (Specify in

Comment section)

Loading/Shipping

Filling drum(s)

Emptying drum(s)

Filling container(s) (sacks, bins, etc.)

Emptying container(s) (sacks, bins, etc.)

Loading tank truck(s)

Unloading tank truck(s)

Loading tank car(s)

Unloading tank car(s)

Loading barge(s)

Unloading barge(s)

Loading ship

Unloading ship

Inhalation shun

COMMENT CODES

Monitoring Problems

Pump/dosimeter malfunctioned

Initial and final flow rates differ by > 10%

Pump may have not run for entire

sampling period

Monitoring Conditions

Monitoring in conjunction with

government agency

Local ventilation system in work area

Major engineering changes made

Random sample

Worst case situation

Duplicate sample

Analysis

Sample lost in shipment

Sample lost in analysis

Sample arrived contaminated/damaged

Incorrect sample collector used

Interference by other compound

suspected

Sample shipped cold arrived ambient

Reported result is minimum value due to

possible sample loss/breakthrough

Result corrected for recovery/desorption

efficiency of < 75%

PPE (Specify types in Comments

section)

Respirator worn

Gloves worn

Protective clothing worn

INDUSTRIAL HYGIENE LABORATORY
WESTHOLLOW RESEARCH CENTER
SHELL DEVELOPMENT COMPANY
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(713) 493-7113/7267

ANALYTICAL REPORT

CUSTOMER NAME : S. Matusek
LOCATION : DPMC
ECB-123

DATE RECEIVED : 12/01/88
DATE REPORTED : 12/09/88
METHOD NUMBER : NIOSH 7400A
ANALYST : M. S. Maldona
BLANK AVERAGE : 0.000 F/FIELD

IDL NO	SAMPLE NO	AIR (L)	FIELDS COUNTED	FIBERS COUNTED	FIBERS /FILTER	FIBERS/ FIELD
54231	BM-1129-1	55.30	100	6.0	2940	0.06
54232	BM-1129-2	55.70	100	7.0	3430	0.06
54233	BM-1129-3	51.50	100	11.0	5400	0.11
54234	BM-1129-4	51.80	100	8.0	3920	0.06
54235	BM-1130-1	9.70	100	0.0	<490	<0.01
54236	BM-1130-3	35.10	100	1.5	736	0.02
54237	BM-1130-2	10.00	100	0.0	<490	<0.01
54238	BM-1130-4	36.00	100	6.0	2940	0.06
54239	BM-1129-B	BLANK	100	0.0	<490	
54240	BM-1129-A	BLANK	100	0.0	<490	

NOTES/COMMENTS :

APPROVALS : *Ka*-----

GMorman

IH Lab Coordinator

All fibers greater than 5 μ m long and
with an aspect ratio of 3:1 are
counted. This method does not
differentiate between fiber types.

LAM 022788

ABS-001860