

1762
MAR 14 1977
R N WHEELER JR.

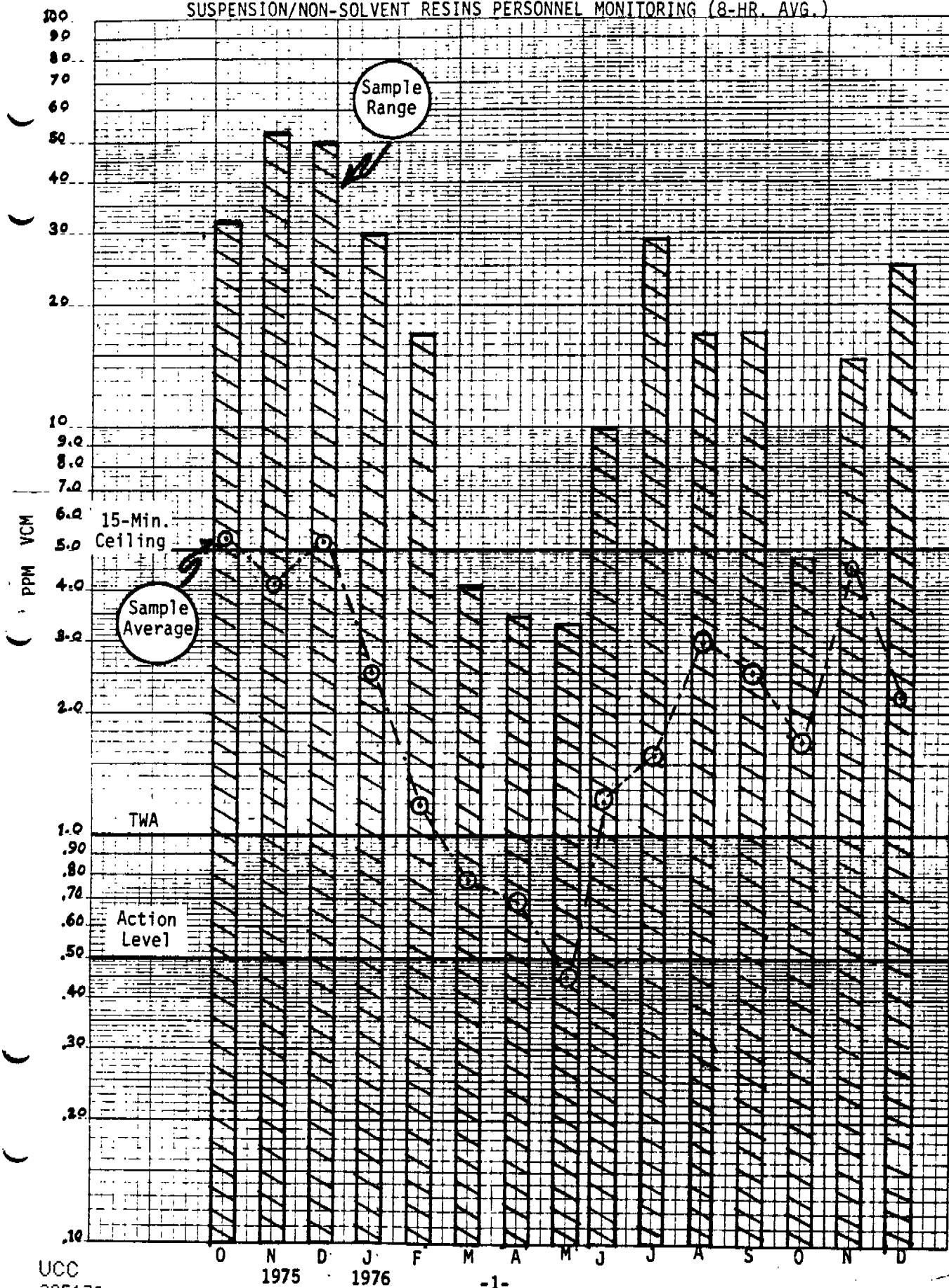
VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY

TEXAS CITY PLANT

MONTH OF DECEMBER 1976

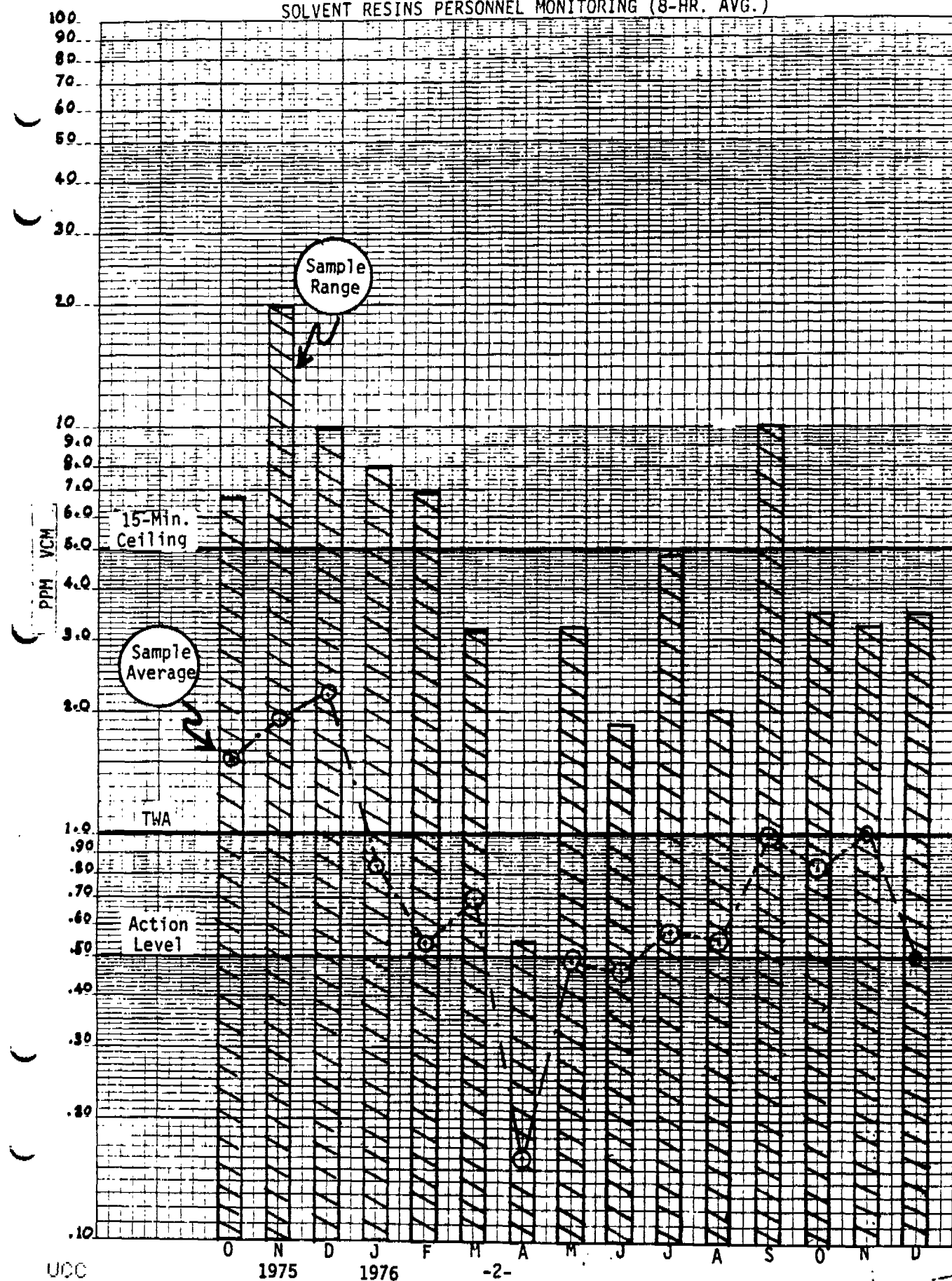
UCC
035171

SUSPENSION/NON-SOLVENT RESINS PERSONNEL MONITORING (8-HR. AVG.)



UCC
035172

SOLVENT RESINS PERSONNEL MONITORING (8-HR. AVG.)



VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY

MONTH OF DECEMBER 1976

SUMMARY OF EXPOSURE ELEVATIONS

<u>Bldg.</u>	<u>Job</u>	<u>Samples</u> <u>Total/Over</u>	<u>Range in ppm</u>		
			<u>Low</u>	<u>High</u>	<u>Mean</u>
113	Tk. Rack Operator	5/2	0.22	2.23	0.92
114	Susp./Non-Solvent Salary Personnel	5/3	0.34	2.54	1.38
115	Autoclave Operator	4/1	0.19	1.46	0.55
117	Stripping Operator	4/1	0.17	2.59	0.89
	Chief Operator (North)	4/2	0.10	3.50	1.37
120	Inside Operator	5/1	0.06	1.71	0.57
	Outside Operator	5/1	0.00	1.52	0.66
121	West Operator	4/1	0.02	1.12	0.30
	East Operator	4/1	0.03	1.04	0.39
133	Analyst (Monomer)	5/1	0.35	2.60	1.03
174	Chief Operator	5/2	0.08	3.34	1.21
	North Operator	3/2	0.72	9.99	4.19
	South Operator	4/3	0.38	25.01	7.94
	East Operator	4/3	0.18	10.08	3.40
	Recovery Operator	5/2	0.77	12.39	3.09
	Utility Operator	5/3	0.39	1.77	0.98
	C-Autoclave Operator	5/3	0.18	5.05	2.12
Maint.	<u>Solvent Resins:</u>				
	Pipefitter	3/1	0.13	2.04	0.94
	<u>Suspension/Non-Solvent Resins</u>				
	Pipefitter	4/2	0.48	3.24	1.76
	Machinist	3/1	0.16	1.07	0.65
	Rigger	4/1	0.10	3.77	1.25
	Laborer	4/3	0.86	11.93	4.63
	Laborer Ldmn.	2/1	0.84	1.32	1.08
	Machinist Ldmn.	1/1	1.98	1.98	1.98
	Rigger "	1/1	9.86	9.86	9.86
	Pipefitter "	1/1	2.60	2.60	2.60

Total 8-Hr. TWA Personnel Samples - 124

A total of 80 exposure measurements (64.5%) were within permissible limits.

UNIT EQUIPMENT OPERATING CAPACITIES

December 1976

SOLVENT RESINS

12-1	12-5	100%
12-6	12-12	90%
12-13	- 12-31	100%

SUSPENSION RESINS

12-1	- 12-26	100%
12-27	- 12-31	60%

NON-SOLVENT RESINS

12-1	- 12-26	100%
12-27	- 12-31	60%

RESPIRATORY EQUIPMENT - MANHOURS WORN

	<u>Unit Daily Total</u>	<u>Unit Monthly Total</u>
Suspension/ Non-Solvent Resins	2.4	75
Solvent Resins	1.17	36.3

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

December 1, 1976 TO December 31, 1976 Process Tank Car Rack Ope

DATE 1-20-77

UCC
035176

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

BLDG. 114

RPTD. BY D. E. Deese

DATE 1-20-77

[illegible]

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

RPTD. BY D. E. Deese
DATE 1-20-77

<u>December 1, 1976</u> TO <u>December 31, 1976</u> Process Solvent Autoclave	
15 MINUTE EXPOSURES	TIME WEIGHTED AVERAGE

[illegible]

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

December 1, 1976 TO December 31, 1976 Process Solvent Stripping

DATE 1-20-77

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035179

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

Non-
Solvent Drying

DATE 1-20-77

UCC
035180

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

~~December 1, 1976~~ TO ~~December 31, 1976~~ Process Solvent Drying
RPTD. BY D. E. Deese
DATE 1-20-77

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UCC
035181

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

December 1, 1976 TO December 31, 1976 Process Solvent Clarif.

DATE 1-20-77

UCC
035182

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

December 1, 1976 TO December 31, 1976 Process Vinyls Lab

DATE 1-20-77

UCC
035183

Suspension/Non-Solvent Resins

VINYL CHLORIDE
PERSONNEL MONITORING SUMMARY DATA

December 1, 1976 TO December 31, 1976 Process Maintenance

DATE 1-20-77

UCC
035185