

Includes 1988 & 1989 Data

Vol 1

C-6 (ppb)*

PERS JOB	DATES SAMPLED	NO. OF SAMPLES	OMEGA PROB.	GEOM. MEAN CONC.	A	R	T	OPTION	WORK-PLACE**** P	ACCEPT. VALUE	RESAMPLE FREQ.	95th %TILE
O8AA - FP Dispersion FLS & Detail Foreman	4/19/88-5/1/88	8	—	0.03	0.100	—	—	Z	NMD	—	—	0.12
"	4/18/88-5/28/89	11	0.879	0.04	0.100	0.23	0.07	0.10	R	1.000	1 Campaign/1 to 3 yr.	0.14
O8PE - Autoclave Operator	4/25/88-9/19/88	7	0.600	0.109	0.30	0.236	0.237	0.38	R	NMD	—	0.56
"	4/25/88-9/18/89	116	0.944	0.11	1.09	0.62	0.36	0.45	R	NMD	—	0.66
O8PF - Polyethylene Operator (Granular)	4/16/88-8/14/88	8	0.554	0.04	0.15	1.13	0.07	0.10	R	NMD	—	0.13
"	4/16/88-4/21/89	10	0.702	0.06	0.22	0.39	0.14	0.19	R	0.992	1 Campaign/yr.	0.27
O8PG - Granular Zone 6 Operator	—	—	No	188	Data	—	—	—	—	—	—	—
"	3/24/89-4/24/89	8	—	0.03	0.03	—	—	—	Z	(0.1)	1 Campaign/1 to 3 yrs.	0.03
O8PH - Dispersion/Fin. Peckout Operator	4/11/88-5/29/88	15	—	0.03	0.09	—	—	—	SAT	—	—	—
"	—	—	No	189	Data	—	—	—	Y	—	1 Campaign/yr.	0.08

* Threshold Used = 0.03 ppb

Exposure Limit = 0.56 ppb

** Indicate LOGAN option used (N=NPAP; Z=Zero; R=Regular Parametric Analysis)

***N = Not Acceptable

***Y = Yes, It's Acceptable

***NMD = Need More Data To Make A Decision

228

8/8/89

****p Value is used only for determining resample frequency. It is the probability of the existing data not exceeding the exposure limit. It has nothing to do with determining if the workplace is acceptable. If the probability that all sample results are below the maximum concentration. If this value is equal to or less than 5%, the workplace is acceptable. If value is greater than 5%, need to collect more samples.

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DATA

Port

(ppb)*

PERS JOB	DATES SAMPLED	NO. OF SAMPLES	OMEGA PROB.	GEOM. MEAN CONC.	A	R	T	OPTION*	WORK-PLACE*** P ****	RESAMPLE FREQ.	95th %TILE
08PI - F.P. Dryer/ Envir. Control Operator	4/12/88 - 8/30/88	15	0.998	<0.03	0.34	—	—	STAT 10	(Y)	1 campaign/yr.	0.25
		—	No	89	Data	—	—				
08PJ - F.P. Packout Operator	4/14/88 - 8/10/88	7	—	<0.03	0.18	—	—	Z	NMD	—	?
"	4/14/88 - 4/20/89	10	—	<0.03	0.18	—	—	STAT 10	(Y)	1 campaign/yr.	NO.03
08PK - Growler TA True Floor Operator	—	—	NO	188	Data	—	—				
"	4/13/89 - 4/24/89	4	—	<0.03	0.05	—	—	Z	(NMD)	1 campaign/yr. 1st. sample results	NO.05
08PL - Growler TA Pax/Vortec/Presiding	—	—	NO	188	Data	—	—				
"	3/24/89 - 9/5/89	16	—	<0.03	<0.03	—	—	STAT 10	NIN/L	1 campaign/1 to 3 yr.	<0.03
08AB - Gen. Maint. FLS Detail/Relief Foreman-Poly	6/1/88 - 9/11/88	6	—	<0.03	0.11	—	—	Z	NMD	—	?
"	6/13/89 - 6/20/89	16	—	<0.03	0.14	—	—	STAT 10	(Y)	1 campaign/yr.	0.153

* Threshold Used = 0.03 ppb

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PERS JOB	DATES SAMPLED	NO. OF SAMPLES	OMEGA PROB.	GEOM. MEAN	MAX. CONC.	A	R	T	OPTION	WORK-PLACE*** P ***** RESAMPLE FREQ.	95th %TILE
58 MC - Gen. Maint. I.P./Generator/Dispers.	4/15/88 8/12/88	8	-	<0.03	0.12	-	-	-	Z	NMD	?
"	4/15/88 4/10/89	11	-	<0.03	0.14	-	-	-	SIZT Floor 7/0	1 campaign/yr.	0.24
58 MD - General Maintenance - Shift	4/15/88 9/1/88	4	-	<0.03	<0.03	-	-	-	NMD		
"	4/15/88 4/26/89	10	-	<0.03	<0.03	-	-	-	SIZT Floor 7/0	1 campaign/1 yr. 2 yrs.	<0.03
58 ME -	4/14/88 8/24/88	6	-	<0.03	0.05	-	-	-	Z	(Y) (3.0)	<0.05
"		-	No	189 Data		-	-	-			
58 MG -	4/20/88 8/31/88	8	-	<0.03	0.08	-	-	-	Z	(Y) (4.3)	<0.08
"		-	No	189 Data		-	-	-			

* Threshold Used = 0.03 ppb

Exposure Limit = 0.56 pph

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R=Regular Parametric Analysis)

***N = Not Acceptable

***Y. = Yes; . It's Acceptable

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the probability that all sample results are below the maximum concentration. If this value is equal to or less than 0.05, the workplace is acceptable. If value is greater than 0.05, the workplace is unacceptable.

than 5%, the workplace is acceptable. If value is greater than 5%, need to collect more samples.)

EID078978

RJZ008998

188 & 189 DATA

F. Copolymers

WORK-PLACE***P**** RESAMPLE FREQ.

C-8 (ppb) *

PERS JOB	DATES SAMPLED	NO. OF SAMPLES	OMEGA PROB.	GEOM. MEAN	MAX. CONC.	A	R	T	OPTION*	ACCEPT. VALUE	RESAMPLE FREQ.	95th %TILE
18AA- FEP Externary Projects / Safety	4/23/88 - 8/15/88	4	—	0.102	—	—	—	—	NMD	—	1 Campaign/yr.	0.151
"	6/23/88 - 8/14/89	11	—	0.034	0.102	—	—	—	Y	—	—	—
18PA- FEP Polyethylene Operator	4/19/88 - 8/15/88	8	0.924	<0.03	0.389	2.7x10 ⁸	0.065	0.324	R	NMD	—	0.763
"	4/19/88 - 4/25/89	13	0.986	0.04	44.0	19x5	0.68	1.912	R	N	—	6.977
18PB- Extrusion/ Oven Operator	4/24/88 - 5/12/88	9	—	<0.03	<0.03	—	—	—	Z	(0.8)	1 Campaign/1 to 3 yrs.	<0.03
"	—	—	—	NO	189	DATA	—	—	—	—	—	—
18PC- Wet Finishing Operator	4/19/88 - 8/2/88	8	0.467	0.078	0.12	0.189	0.109	0.128	R	Y	1.000	0.147
"	—	—	—	NO	189	DATA	—	—	—	—	—	—
18PD- FEP Cube/ Packout Operator	5/5/88 - 8/1/88	6	—	<0.03	0.03	—	—	—	Z	(0.6)	1 Campaign/1 to 3 yrs.	0.030
"	—	—	—	NO	189	DATA	—	—	—	—	—	—

* Threshold Used = 0.03 ppb
 Exposure Limit = 0.50 ppb
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 R=Regular Parametric Analysis)
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 It is the probability of the existing data not exceeding the exposure limit. It has nothing to do with determining if the workplace is acceptable.
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 10/10/89

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Copolym S

C-8 (ppb)*

PERS JOB	DATES SAMPLED	NO. OF SAMPLES	OMEGA PROB.	GEOM. MEAN CONC.	MAX. CONC.	A	R	T	OPTION*	WORK-PLACE*** P ****...	RESAMPLE FREQ.	95th %TILE
68MA - Copolymers General Shift Mechanic	6/30/88 - 7/27/88	7	—	<0.03	0.06	—	—	—	Z	Y (2.9)	1 campaign/1 to 3 yrs.	~0.06
68MB - FEP EPII Mechanic	4/14/88 - 8/11/88	7	—	<0.03	<0.03	—	DATA	—	Z	Y (0.3)	1 campaign/1 to 3 yrs.	<0.03
68ME - FEP General Day Mechanic	4/15/88 - 8/10/88	9	0.547	0.061	0.312	—	—	—	SIST Fluores P/B	Y	1 campaign/yr.	0.731
"	4/15/88 - 4/28/89	14	0.483	0.069	0.312	—	—	—	SIST Fluores P/B	Y	1 campaign/yr.	0.583

858
10/6/89

* Threshold Used = 0.03 ppb
Exposure Limit = 0.5% ppb
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R-Regular Parametric Analysis);
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***NMD = Need More Data To Make A Decision

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maximum concentration. If this value is equal to or less
than 5%, the workplace is acceptable. If value is greater
than 5%, need to collect more samples.)

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