

4PP

AR 226 - 3473

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AR 226-3473

DATA SUMMARY

Chemical: PFOA

Site: Chambers Works

Date of Monitoring: 2004

Matrix: Human Blood Serum

Operation: Telomers

Job Title	Number Sampled	Minimum Concentration	Mean	Median	Maximum Concentration	Standard Deviation
Entire Cohort	38	10.6	135.82	82.85	720	158.13
Males	36	10.6	123.67	82.85	720	131.70
Females	2	25	354.5	354.5	684	465.98
Operators	18	34.80	179.37	150.75	720	161.16
Males	18	34.80	179.37	150.75	720	161.16
Females	0	-	-	-	-	-
Mechanics	11	13.3	85.95	78.8	193	60.35
Males	11	13.3	85.95	78.8	193	60.35
Females	0	-	-	-	-	-
Laboratorians	0	-	-	-	-	-
Males	0	-	-	-	-	-
Females	0	-	-	-	-	-
Supervision	9	10.6	109.66	25	684	217.82
Males	7	10.6	39.71	17.5	111	37.11
Females	2	25	354.5	354.5	684	465.98

Comments:

- Analysis by Exygen
- Where duplicate samples were run, averages of two were used for statistical analysis
- Descriptive statistics calculated using Microsoft Excel

Prepared by: Barbara J. Dawson, CIH, CSP
Date of Preparation: December 9, 2004

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DuPont Company
PFOA in Blood
Chambers Works
2004 Telomers

	Operators	Mechanics	Supervision	
	Male	Male	Male	Female
	158	49.1	111	25
	140.5	35.1	50.85	684
	185	13.3	14.3	
	720	78.8	10.6	
	400	141	59.8	
	224	134	13.9	
	141	193	17.5	
	266	38.9		
	153.5	79		
	50	28.3		
	163	155		
	85.5			
	44.25			
	159			
	148			
	34.8			
	75.9			
	80.2			
Count	18	11	7	2
Min	34.80	13.30	10.60	25.00
Avg	179.37	85.95	39.71	354.50
Median	150.75	78.80	17.50	354.50
Max	720.00	193.00	111.00	684.00
Std Dev	161.16	60.35	37.11	465.98

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DuPont Company
PFOA in Blood
Chambers Works
2004 Telomers Summary

	All	All Male	All Sup
	158	158	25
	140.5	140.5	684
	185	185	111
	720	720	50.85
	400	400	14.3
	224	224	10.6
	141	141	59.8
	266	266	13.9
	153.5	153.5	17.5
	50	50	
	163	163	
	85.5	85.5	
	44.25	44.25	
	159	159	
	148	148	
	34.8	34.8	
	75.9	75.9	
	80.2	80.2	
	49.1	49.1	
	35.1	35.1	
	13.3	13.3	
	78.8	78.8	
	141	141	
	134	134	
	193	193	
	38.9	38.9	
	79	79	
	28.3	28.3	
	155	155	
	111	111	
	50.85	50.85	
	14.3	14.3	
	10.6	10.6	
	59.8	59.8	
	13.9	13.9	
	17.5	17.5	
	25		
	684		
Count	38	36	9
Min	10.60	10.60	10.60
Avg	135.82	123.67	109.66
Median	82.85	82.85	25.00
Max	720.00	720.00	684.00
Std Dev	158.13	131.70	217.82

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