WV-0220474

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

PLAINTIFF'S EXHIBIT
UC-3540

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

. unknown, was monitored for exposure to asbestos on 1/13/87, while repairing/covering asbestos insulation on the stills in the Rectification area of the Sistersville Plant.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	METHOD
0.04	294	08:53	11:30	R	GL	BZ	FC
		12:58	15:15	Gg			

BZ = Breathing Zone
FC = Filter Cassette
R = Half-face filtration respirator with HEPA cartridges
Gg = Goggles

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc time weighted average (TWA) for 8 hours.

Tammy Gritzie
T. L. Gritzie

TLG/le
5372A

UCC 007288

Union Carbide trial exhibit UC-3540: T. L. Gritzie Industrial Hygiene Personal Monitoring Reports for Asbestos Expo... Published by AsbestosClaims.Law
ACL Doc 18282 · Page 1 of 12 asbestosclaims.law/library/18282/1

WV-027204 75

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

was monitored for exposure to asbestos on 10/6/86, while stripping asbestos insulation in the Steam Plant.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	SAMPLE METHOD
≤0.105*	34	13:00	13:34	R	GL	BZ	FC

R = Respiratory
GL = Gloves
BZ = Breathing Zone
FC = Filter Cassette

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc, time weighted average (TWA) for 8 hours.

T. L. Gritzie

TLG/le
5358A

*This was the lowest detectable limit since the sample time was very short.

cc: G. W. Wulfert

IH
Medical

UCC 007289

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WV-0220 #76

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

was monitored for exposure to asbestos on 1/12/87, while running K-36. Contractors were painting in the SSP building while sampling was being performed.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT	SAMPLE TYPE	SAMPLE METHOD
0.002*	300	1330	1830		P	FC

FC = Filter Cassette
P = Personal

Asbestos exposure was less than the OSHA permissible exposure limit (PEL) of 0.133 fibers/cc, time weighted average (TWA) for 12 hours.

The filter was heavily loaded with dust and debris and therefore an official fiber count could not be performed. The fields that were counted indicated the air concentration to be 0.002 fibers/cc. At the time of the sample, painting was being done in the SSP building. This would account for the dirty filter.

T. L. Gritzie

TLG/le
5374A

UCC 007290

WV-07220 #77

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

was monitored for exposure to asbestos on 1/14/87, while operating K-15.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT	SAMPLE TYPE	SAMPLE METHOD
0.01	375	09:45	16:00		P	FC

P = Personal
FC = Filter Cassette

exposure was less than the OSHA permissible exposure limit (PEL) of 0.133 fibers/cc, time weighted average (TWA) for 12 hours.

T. L. Gritzie

TLG/le
5362A

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WV-0720478

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

was monitored for exposure to asbestos on 10/9/86, while removing asbestos insulation in the Steam Plant.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	SAMPLE METHOD
0.097	50	14:25	15:15	R	GL	BZ	FC

R = Respiratory
GL = Gloves
BZ = Breathing Zone
FC = Filter Cassette

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc, time weighted average (TWA) for 8 hours.

Tommy
T. L. Gritzie

TLG/le
5360A

UCC 007292

WV-02-0479

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

was monitored for exposure to asbestos on 1/13/87, while performing the regular duties of a reactor area operator.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT	SAMPLE TYPE	SAMPLE METHOD
0.01	450	08:30	16:00		BZ	FC

BZ = Breathing Zone
FC = Filter Cassette

exposure was less than the OSHA permissible exposure limit (PEL) of 0.133 fibers/cc, time weighted average (TWA) for 12 hours.

T. L. Gritzie

TLG/le
5373A

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ACL Doc 18282 · Page 6 of 12 asbestosclaims.law/library/18282/6

WV-0220820

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

, was monitored for exposure to asbestos on 1/12/87, while repairing/covering asbestos insulation on the stills in the Rectification area of the Sistersville Plant.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	SAMPLE METHOD
0.002*	201	13:10	16:31	R Gg	GL	BZ	FC

BZ = Breathing Zone
FC = Filter Cassette
R = Comfo II w/HEPA cartridges
Gg = Goggles

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc time weighted average (TWA) for 8 hours.

*Dust and debris covered more than 1/6 field area on majority of fields. The concentration on fields which could be counted was 0.002 fibers/cc.

T. L. Gritzie

TLG/le
5371A

UCC 007294

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WV-0210#81

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

, was monitored for exposure to asbestos on 11/3/86, while performing the regular duties of an outside operator.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT	SAMPLE TYPE	SAMPLE METHOD
< 0.06	90	16:30	18:00		P	FC

P = Personal
FC = Filter Cassette

, exposure was less than the OSHA permissible exposure limit (PEL) of 0.133 fibers/cc, time weighted average (TWA) for 12 hours.

Tammy
T. L. Gritzie

5356A

UCC 007295

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WV-0220487

UNION CARBIDE CORPORATION
Specialty Chemicals Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

was monitored for exposure to asbestos on 1/13/87, while repairing/covering asbestos insulation on the stills in the Rectification area of of the Sistersville Plant.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	METHOD
0.03	290	08:55	11:30	R	GL	BZ	FC
		12:59	15:14	Gg			

BZ = Breathing Zone
FC = Filter Cassette
Gg = Goggles
R = Half-face filtration respirator w/HEPA cartridges

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc, time weighted average (TWA) for 8 hours.

T. L. Gritzie

TLG/le
5369A

UCC 007296

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WV-0720 #53

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

, was monitored for exposure to asbestos on 10/6/86, while stripping asbestos insulation in the Steam Plant.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	SAMPLE METHOD
<0.096	34	13:00	13:34	R	GL	BZ	FC

R = Respiratory
GL = Gloves
BZ = Breathing Zone
FC = Filter Cassette

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc, time weighted average (TWA) for 8 hours.

T. L. Gritzie

TLG/le
5359A

UCC 007297

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WU-0220 427

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

, was monitored for exposure to asbestos on 10/9/86, while removing asbestos insulation in the Steam Plant.

Details of the monitoring are shown below:

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	TIME STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	SAMPLE METHOD
< 0.07	51	14:25	15:16	R	GL	BZ	FC

R = Respiratory
GL = Gloves
BZ = Breathing Zone
FC = Filter Cassette

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc, time weighted average (TWA) for 8 hours.

T. L. Gritzie

TLG/le
5357A

UCC 007298

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WV-0222-85

UNION CARBIDE CORPORATION
Specialty Chemicals — Sistersville Plant

February 17, 1987.

INDUSTRIAL HYGIENE
PERSONAL MONITORING REPORT
UCC, SISTERSVILLE

, was monitored for exposure to asbestos on 1/9/87, while repairing/covering asbestos insulation on the stills in the Rectification area of the Sistersville Plant.

FIBERS/CC	SAMPLE TIME MINUTES	TIME START	STOP	PERSONAL PROTECTION EQUIPMENT		SAMPLE TYPE	METHOD
0.01	53	10:35	11:28	R	GL	BZ	FC

BZ = Breathing Zone
FC = Filter Cassette
R = Airline Respirator

exposure was less than the OSHA permissible exposure limit (PEL) of 0.2 fibers/cc, time weighted average (TWA) for 8 hours.

T. L. Gritzie

TLG/le
5375A

UCC 007299

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