



Report of Asbestos Survey Services

APPENDIX A
SAMPLE ANALYSIS RESULTS IN TABULAR FORM
WORLD TRADE CENTER
NEW YORK, NEW YORK
ATC ASSOCIATES INC. PROJECT NO. 15-17494-0134

PILE # 1

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
1	01	Steel Beams, Pile # 1	Fireproofing	None Detected
1	02	Steel Beams, Pile # 1	Fireproofing	None Detected
1	03	Steel Beams, Pile # 1	Fireproofing	None Detected
1	04	Steel Beams, Pile # 1	Fireproofing	None Detected
1	05	Steel Beams, Pile # 1	Fireproofing	None Detected
1	06	Steel Beams, Pile # 1	Fireproofing	None Detected
1	07	Steel Beams, Pile # 1	Fireproofing	None Detected
1	08	Steel Beams, Pile # 1	Fireproofing	None Detected
1	09	Steel Beams, Pile # 1	Fireproofing	None Detected
1	10	Steel Beams, Pile # 1	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
1	11	Steel Beams, Pile # 1	Fireproofing	None Detected
1	12	Steel Beams, Pile # 1	Fireproofing	None Detected
1	13	Steel Beams, Pile # 1	Fireproofing	None Detected
1	14	Steel Beams, Pile # 1	Fireproofing	None Detected
1	15	Steel Beams, Pile # 1	Fireproofing	50% Chrysotile
1	16	Steel Beams, Pile # 1	Fireproofing	None Detected
1	17	Steel Beams, Pile # 1	Fireproofing	None Detected
1	18	Steel Beams, Pile # 1	Fireproofing	2.6% Chrysotile
1	19	Steel Beams, Pile # 1	Fireproofing	44% Chrysotile
1	20	Steel Beams, Pile # 1	Fireproofing	1.4% Chrysotile
1	21	Steel Beams, Pile # 1	Fireproofing	0.5% Chrysotile
1	22	Steel Beams, Pile # 1	Fireproofing	0.5% Chrysotile
1	23	Steel Beams, Pile # 1	Fireproofing	2.2% Chrysotile
1	24	Steel Beams, Pile # 1	Fireproofing	2.5% Chrysotile



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
1	25	Steel Beams, Pile # 1	Fireproofing	0.5% Chrysotile
1	26	Steel Beams, Pile # 1	Fireproofing	2% Chrysotile
1	27	Steel Beams, Pile # 1	Fireproofing	1.5% Chrysotile
1	28	Steel Beams, Pile # 1	Fireproofing	Traces Chrysotile
1	29	Steel Beams, Pile # 1	Fireproofing	0.5% Chrysotile
1	30	Steel Beams, Pile # 1	Fireproofing	None Detected

PILE # 2

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
2	01	Steel Beams, Pile # 2	Fireproofing	None Detected
2	02	Steel Beams, Pile # 2	Fireproofing	None Detected
2	03	Steel Beams, Pile # 2	Fireproofing	None Detected
2	04	Steel Beams, Pile # 2	Fireproofing	0.25% Chrysotile
2	05	Steel Beams, Pile # 2	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
2	06	Steel Beams, Pile # 2	Fireproofing	None Detected
2	07	Steel Beams, Pile # 2	Fireproofing	None Detected
2	08	Steel Beams, Pile # 2	Fireproofing	None Detected
2	09	Steel Beams, Pile # 2	Fireproofing	None Detected
2	10	Steel Beams, Pile # 2	Fireproofing	None Detected
2	11	Steel Beams, Pile # 2	Fireproofing	None Detected
2	12	Steel Beams, Pile # 2	Fireproofing	None Detected
2	13	Steel Beams, Pile # 2	Fireproofing	None Detected
2	14	Steel Beams, Pile # 2	Fireproofing	None Detected
2	15	Steel Beams, Pile # 2	Fireproofing	None Detected
2	16	Steel Beams, Pile # 2	Fireproofing	None Detected
2	17	Steel Beams, Pile # 2	Fireproofing	None Detected
2	18	Steel Beams, Pile # 2	Fireproofing	None Detected
2	19	Steel Beams, Pile # 2	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
2	20	Steel Beams, Pile # 2	Fireproofing	None Detected
2	21	Steel Beams, Pile # 2	Fireproofing	5% Chrysotile
2	22	Steel Beams, Pile # 2	Fireproofing	None Detected
2	23	Steel Beams, Pile # 2	Fireproofing	None Detected
2	24	Steel Beams, Pile # 2	Fireproofing	None Detected
2	25	Steel Beams, Pile # 2	Fireproofing	None Detected
2	26	Steel Beams, Pile # 2	Fireproofing	None Detected
2	27	Steel Beams, Pile # 2	Fireproofing	10% Chrysotile
2	28	Steel Beams, Pile # 2	Fireproofing	20% Chrysotile
2	29	Steel Beams, Pile # 2	Fireproofing	Traces Chrysotile
2	30	Steel Beams, Pile # 2	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

PILE # 3

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
3	01	Steel Beams, Pile # 3	Fireproofing	0.5% Chrysotile
3	02	Steel Beams, Pile # 3	Fireproofing	Traces Chrysotile
3	03	Steel Beams, Pile # 3	Fireproofing	None Detected
3	04	Steel Beams, Pile # 3	Fireproofing	2.5% Chrysotile
3	05	Steel Beams, Pile # 3	Fireproofing	None Detected
3	06	Steel Beams, Pile # 3	Fireproofing	None Detected
3	07	Steel Beams, Pile # 3	Fireproofing	Traces Chrysotile
3	08	Steel Beams, Pile # 3	Fireproofing	None Detected
3	09	Steel Beams, Pile # 3	Fireproofing	None Detected
3	10	Steel Beams, Pile # 3	Fireproofing	2.4% Chrysotile
3	11	Steel Beams, Pile # 3	Fireproofing	None Detected
3	12	Steel Beams, Pile # 3	Fireproofing	None Detected
3	13	Steel Beams, Pile # 3	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
3	14	Steel Beams, Pile # 3	Fireproofing	0.75% Chrysotile
3	15	Steel Beams, Pile # 3	Fireproofing	None Detected
3	16	Steel Beams, Pile # 3	Fireproofing	None Detected
3	17	Steel Beams, Pile # 3	Fireproofing	None Detected
3	18	Steel Beams, Pile # 3	Fireproofing	None Detected
3	19	Steel Beams, Pile # 3	Fireproofing	None Detected
3	20	Steel Beams, Pile # 3	Fireproofing	None Detected
3	21	Steel Beams, Pile # 3	Fireproofing	None Detected
3	22	Steel Beams, Pile # 3	Fireproofing	None Detected
3	23	Steel Beams, Pile # 3	Fireproofing	None Detected
3	24	Steel Beams, Pile # 3	Fireproofing	None Detected
3	25	Steel Beams, Pile # 3	Fireproofing	None Detected
3	26	Steel Beams, Pile # 3	Fireproofing	None Detected
3	27	Steel Beams, Pile # 3	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
3	28	Steel Beams, Pile # 3	Fireproofing	None Detected
3	29	Steel Beams, Pile # 3	Fireproofing	None Detected
3	30	Steel Beams, Pile # 3	Fireproofing	None Detected

PILE # 4

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
4	01	Steel Beams, Pile # 4	Fireproofing	None Detected
4	02	Steel Beams, Pile # 4	Fireproofing	20% Chrysotile
4	03	Steel Beams, Pile # 4	Fireproofing	None Detected
4	04	Steel Beams, Pile # 4	Fireproofing	2.6% Chrysotile
4	05	Steel Beams, Pile # 4	Fireproofing	6.0% Chrysotile
4	06	Steel Beams, Pile # 4	Fireproofing	5.6% Chrysotile
4	07	Steel Beams, Pile # 4	Fireproofing	1.4% Chrysotile
4	08	Steel Beams, Pile # 4	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
4	09	Steel Beams, Pile # 4	Fireproofing	None Detected
4	10	Steel Beams, Pile # 4	Fireproofing	None Detected
4	11	Steel Beams, Pile # 4	Fireproofing	None Detected
4	12	Steel Beams, Pile # 4	Fireproofing	2.2% Chrysotile
4	13	Steel Beams, Pile # 4	Fireproofing	1.7% Chrysotile
4	14	Steel Beams, Pile # 4	Fireproofing	3.4% Chrysotile
4	15	Steel Beams, Pile # 4	Fireproofing	3.7% Chrysotile
4	16	Steel Beams, Pile # 4	Fireproofing	2.3% Chrysotile
4	17	Steel Beams, Pile # 4	Fireproofing	2.3% Chrysotile
4	18	Steel Beams, Pile # 4	Fireproofing	2.7% Chrysotile
4	19	Steel Beams, Pile # 4	Fireproofing	2.7% Chrysotile
4	20	Steel Beams, Pile # 4	Fireproofing	2.5% Chrysotile
4	21	Steel Beams, Pile # 4	Fireproofing	None Detected
4	22	Steel Beams, Pile # 4	Fireproofing	Traces Chrysotile



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
4	23	Steel Beams, Pile # 4	Fireproofing	0.5% Chrysotile
4	24	Steel Beams, Pile # 4	Fireproofing	0.5% Chrysotile
4	25	Steel Beams, Pile # 4	Fireproofing	2.8% Chrysotile
4	26	Steel Beams, Pile # 4	Fireproofing	None Detected
4	27	Steel Beams, Pile # 4	Fireproofing	None Detected
4	28	Steel Beams, Pile # 4	Fireproofing	Traces Chrysotile
4	29	Steel Beams, Pile # 4	Fireproofing	None Detected
4	30	Steel Beams, Pile # 4	Fireproofing	2.2% Chrysotile

PILE # 5

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
5	01	Steel Beams, Pile # 5	Fireproofing	None Detected
5	02	Steel Beams, Pile # 5	Fireproofing	None Detected
5	03	Steel Beams, Pile # 5	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
5	04	Steel Beams, Pile # 5	Fireproofing	None Detected
5	05	Steel Beams, Pile # 5	Fireproofing	None Detected
5	06	Steel Beams, Pile # 5	Fireproofing	None Detected
5	07	Steel Beams, Pile # 5	Fireproofing	None Detected
5	08	Steel Beams, Pile # 5	Fireproofing	None Detected
5	09	Steel Beams, Pile # 5	Fireproofing	None Detected
5	10	Steel Beams, Pile # 5	Fireproofing	None Detected
5	11	Steel Beams, Pile # 5	Fireproofing	None Detected
5	12	Steel Beams, Pile # 5	Fireproofing	None Detected
5	13	Steel Beams, Pile # 5	Fireproofing	None Detected
5	14	Steel Beams, Pile # 5	Fireproofing	None Detected
5	15	Steel Beams, Pile # 5	Fireproofing	None Detected
5	16	Steel Beams, Pile # 5	Fireproofing	None Detected
5	17	Steel Beams, Pile # 5	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
5	18	Steel Beams, Pile # 5	Fireproofing	None Detected
5	19	Steel Beams, Pile # 5	Fireproofing	None Detected
5	20	Steel Beams, Pile # 5	Fireproofing	None Detected
5	21	Steel Beams, Pile # 5	Fireproofing	None Detected
5	22	Steel Beams, Pile # 5	Fireproofing	None Detected
5	23	Steel Beams, Pile # 5	Fireproofing	None Detected
5	24	Steel Beams, Pile # 5	Fireproofing	None Detected
5	25	Steel Beams, Pile # 5	Fireproofing	None Detected
5	26	Steel Beams, Pile # 5	Fireproofing	None Detected
5	27	Steel Beams, Pile # 5	Fireproofing	None Detected
5	28	Steel Beams, Pile # 5	Fireproofing	None Detected
5	29	Steel Beams, Pile # 5	Fireproofing	None Detected
5	30	Steel Beams, Pile # 5	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

PILE # 6

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
6	01	Steel Beams, Pile # 6	Fireproofing	None Detected
6	02	Steel Beams, Pile # 6	Fireproofing	None Detected
6	03	Steel Beams, Pile # 6	Fireproofing	Traces Chrysotile
6	04	Steel Beams, Pile # 6	Fireproofing	None Detected
6	05	Steel Beams, Pile # 6	Fireproofing	None Detected
6	06	Steel Beams, Pile # 6	Fireproofing	None Detected
6	07	Steel Beams, Pile # 6	Fireproofing	None Detected
6	08	Steel Beams, Pile # 6	Fireproofing	None Detected
6	09	Steel Beams, Pile # 6	Fireproofing	None Detected
6	10	Steel Beams, Pile # 6	Fireproofing	None Detected
6	11	Steel Beams, Pile # 6	Fireproofing	None Detected
6	12	Steel Beams, Pile # 6	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
6	13	Steel Beams, Pile # 6	Fireproofing	None Detected
6	14	Steel Beams, Pile # 6	Fireproofing	None Detected
6	15	Steel Beams, Pile # 6	Fireproofing	5% Chrysotile
6	16	Steel Beams, Pile # 6	Fireproofing	5% Chrysotile
6	17	Steel Beams, Pile # 6	Fireproofing	None Detected
6	18	Steel Beams, Pile # 6	Fireproofing	None Detected
6	19	Steel Beams, Pile # 6	Fireproofing	None Detected
6	20	Steel Beams, Pile # 6	Fireproofing	None Detected
6	21	Steel Beams, Pile # 6	Fireproofing	5% Chrysotile
6	22	Steel Beams, Pile # 6	Fireproofing	None Detected
6	23	Steel Beams, Pile # 6	Fireproofing	None Detected
6	24	Steel Beams, Pile # 6	Fireproofing	None Detected
6	25	Steel Beams, Pile # 6	Fireproofing	Traces Chrysotile
6	26	Steel Beams, Pile # 6	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
6	27	Steel Beams, Pile # 6	Fireproofing	Traces Chrysotile
6	28	Steel Beams, Pile # 6	Fireproofing	None Detected
6	29	Steel Beams, Pile # 6	Fireproofing	None Detected
6	30	Steel Beams, Pile # 6	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

PILE # 7

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
7	01	Steel Beams, Pile # 7	Fireproofing	None Detected
7	02	Steel Beams, Pile # 7	Fireproofing	Traces Chrysotile
7	03	Steel Beams, Pile # 7	Fireproofing	1.2% Chrysotile
7	04	Steel Beams, Pile # 7	Fireproofing	0.5% Chrysotile
7	05	Steel Beams, Pile # 7	Fireproofing	1.3% Chrysotile
7	06	Steel Beams, Pile # 7	Fireproofing	1.3% Chrysotile
7	07	Steel Beams, Pile # 7	Fireproofing	4% Chrysotile
7	08	Steel Beams, Pile # 7	Fireproofing	Traces Chrysotile
7	09	Steel Beams, Pile # 7	Fireproofing	None Detected
7	10	Steel Beams, Pile # 7	Fireproofing	None Detected
7	11	Steel Beams, Pile # 7	Fireproofing	Traces Chrysotile
7	12	Steel Beams, Pile # 7	Fireproofing	None Detected
7	13	Steel Beams, Pile # 7	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
7	14	Steel Beams, Pile # 7	Fireproofing	Traces Chrysotile
7	15	Steel Beams, Pile # 7	Fireproofing	None Detected
7	16	Steel Beams, Pile # 7	Fireproofing	2% Chrysotile
7	17	Steel Beams, Pile # 7	Fireproofing	0.5% Chrysotile
7	18	Steel Beams, Pile # 7	Fireproofing	1.2% Chrysotile
7	19	Steel Beams, Pile # 7	Fireproofing	None Detected
7	20	Steel Beams, Pile # 7	Fireproofing	None Detected
7	21	Steel Beams, Pile # 7	Fireproofing	None Detected
7	22	Steel Beams, Pile # 7	Fireproofing	None Detected
7	23	Steel Beams, Pile # 7	Fireproofing	1.2% Chrysotile
7	24	Steel Beams, Pile # 7	Fireproofing	None Detected
7	25	Steel Beams, Pile # 7	Fireproofing	None Detected
7	26	Steel Beams, Pile # 7	Fireproofing	None Detected
7	27	Steel Beams, Pile # 7	Fireproofing	None Detected



Report of Asbestos Survey Services

APPENDIX A –

Homogeneous Area No.	Sample No.	Sample Location	Material Description	PLM Result
7	28	Steel Beams, Pile # 7	Fireproofing	None Detected
7	29	Steel Beams, Pile # 7	Fireproofing	Traces Chrysotile
7	30	Steel Beams, Pile # 7	Fireproofing	3.6% Chrysotile

NOTES:

Tr = Trace