NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 11:30 AM LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Out Doors EXIT MAIN ENTRANCE	0	72.6	45.1	427	2	25	0
Out Doors EXT MAIN ENTRANCE NORTH	0	72.3	45.1	449	2	26	0
Out Doors EXT MAIN ENTRANCE SOUTH	0	72.1	45.6	426	2	26	0
14TH FLOOR HAILWAY	0	75.5	44.1	461	2	13	0
Kitchen	6	87.1	45.1	780	2	15	0
CAFETERIA	0	78.8	45.9	436	2	16	0
STAIRCASE "A" 14TH FLOOR.	0	72.1	45.9	431	2	19	0
13TH FLOOR HAILWAY	0	72.9	45.9	439	2	21	0
LIBRARY	3	78.6	46.1	590	2	21	0
13TH FLOOR. STAIRCASE	0	72.9	46.4	471	2	19	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: NA

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_00346420B

NYC-WTC_000180192

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 11 40 AM LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
12TH FLOOR HALLWAY	0	75.6	46.3	427	2	13	0
Room 1203	0	74.1	46.1	426	2	16	0
Room 1205	1	74.6	46.3	600	2	15	0
Room 1209	25	73.9	46.4	1260	2	16	0
Rm 1215	14	73.8	46.5	1110	2	22	0
Rm 1206	2	74.1	47.1	669	2	22	0
11TH FLOOR HALLWAY	3	72.6	47.1	701	2	19	0
Rm 1105	1	73.3	46.9	610	2	21	0
Rm 1109	2	73.1	46.9	691	2	19	0
Rm 1106	8	73.5	46.5	891	2	19	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003464209

NYC-WTC_000180193

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 12:00 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
11TH FLOOR STAIRCASE B	0	72.9	46.4	441	2	19	0
Room 1015	28	74.1	46.9	1310	2	21	0
Rm 1009	18	74.3	46.9	990	2	22	0
Rm 1005	33	74.1	45.9	1460	2	23	0
10TH FLOOR STAIRCASE "A"	0	72.3	45.9	427	2	19	0
9TH FLOOR HALLWAY	0	72.6	46.1	431	2	19	0
Rm 903	3	74.1	46.3	599	2	18	0
Rm 905	33	74.3	46.1	1456	2	19	0
Rm 909	11	74.9	45.9	821	2	20	0
Rm 915	0	73.8	45.6	451	2	17	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003464210

NYC-WTC_000180194

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 12:30 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Room 906	1	74.6	46.5	541	2	19	0
STAIRCASE B 9TH FLOOR	0	72.3	46.5	426	2	20	0
8TH FLOOR. HALLWAY	0	73.3	46.1	471	2	19	0
Rm 805	18	74.6	46.3	929	2	19	0
Rm 809	7	74.1	46.9	669	2	19	0
Rm 815	23	74.3	46.9	1141	2	18	0
STAIRCASE A 8TH FLOOR.	0	72.9	46.3	471	2	21	6
7TH FLOOR. HALLWAY	3	73.1	46.3	669	2	21	0
Rm 705	1	74.6	46.9	555	2	19	0
Rm 705A	0	74.1	46.5	471	2	19	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003464211

NYC-WTC_000180195

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 12:40 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	TVOCs (ppm)
Room 711	2	72.3	46.9	570	2	19	0
Rm 715	0	74.4	46.9	471	2	18	0
6TH FLOOR HALLWAY	10	72.1	46.9	877	2	17	0
Rm 610	2	74.6	46.5	582	2	20	0
STAIRCASE A 6TH FLOOR	0	72.3	46.3	481	2	20	0
5TH FLOOR. STAIRCASE	0	72.4	46.4	491	2	20	0
5TH FLOOR HALLWAY	0	72.5	45.9	477	2	19	0
Rm 503	0	75.1	45.9	475	2	20	0
Rm 506	27	75.4	46.9	1240	2	21	0
Rm 608	0	74.1	45.9	466	2	21	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m^3	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003464212

NYC-WTC_000180196

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 1000 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Rm 515	13	75.5	46.6	829	2	17	0
4TH FLOOR HALLWAY	4	75.1	46.7	660	2	18	0
Rm 415	1	75.3	46.6	520	2	17	0
Rm 403	22	75.1	45.1	1112	2	17	0
3RD FLOOR HALLWAY	0	72.3	45.3	421	2	16	0
Rm 305	1	74.4	45.4	521	2	16	0
Rm 306	0	74.3	46.1	470	2	21	0
Rm 309	0	75.1	46.5	440	2	22	0
Rm 315	0	73.9	46.9	451	2	16	0
STAIRCASE A 3RD FLOOR	0	73.6	46.3	468	2	17	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003464213

NYC-WTC_000180197

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 1:30 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
2ND FLOOR HALLWAY	0	73.1	46.1	459	2	21	0
Room 206 LECTURE Room	0	73.2	46.9	471	2	25	0
STAIRCASE A 2ND FLOOR.	0	72.9	46.9	461	2	19	0
STAIRCASE A 1ST FLOOR	0	72.4	46.1	481	2	20	0
SOUTHSIDE HALLWAY 1ST FLOOR	0	72.6	46.1	491	2	19	0
GYM.	0	74.5	46.5	489	2	26	0
1ST FLOOR MAIN LOBBY	4	75.1	46.9	660	2	24	0
Out Doors SOUTH EXT MAIN ENTRANCE	0	80.1	49.1	413	2	17	0
Out Doors EXT MAIN ENTRANCE	0	80.2	49.1	412	2	17	0
Out Doors EXT MAIN ENTRANCE NORTH	0	80.3	49.1	413	2	16	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_00346421 4

NYC-WTC_000180198

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 1140 am LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5.7.02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Out Doors OUTSIDE of main ENTRANCE	0	79.9	46.1	521	2	25	0
Out Doors OUTSIDE OF SOUTH SIDE of EXIT	0	79.6	46.3	501	2	26	0
Out Doors OUTSIDE OF NORTH SIDE OF EXIT	0	79.1	46.4	499	2	27	0
14TH FLOOR HALLWAY	0	74.1	46.3	471	2	21	0
14TH FLOOR CAFETERIA	0	74.5	46.3	451	2	19	0
13TH FL LIBRARY	2	73.3	46.9	546	2	21	0
13TH FL STAIRWELL "B"	0	72.9	47.1	456	2	29	0
12TH FL RM 1215	0	75.1	45.9	466	2	18	0
12TH FL RM 1206	0	75.2	45.6	477	2	18	0
13TH FL HALLWAY	1	74.1	46.1	529	2	17	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] **Date:** 5.7.02

CONFIDENTIAL,
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008
CITY_21MC100_003464215

NYC-WTC_000180199

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 2:00pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
12TH FL Rm 1205	0	74.4	45.8	502	2	18	0
12TH FL STAIRWELL A	0	72.2	46.9	479	2	17	0
11TH FL Hallway.	0	72.3	46.7	454	2	17	0
11TH FL STAIRWELL B	0	72.4	46.3	456	2	12	0
11TH FL Room 1115	2	73.1	46.2	529	2	19	0
11TH FL Room 1109	1	73.6	46.3	510	2	21	0
11TH FL Room 1106	0	73.9	45.1	501	2	13	0
11TH FL Room 1105	3	73.6	45.3	660	2	16	0
10TH FL STAIRCASE A	0	72.1	45.9	496	2	19	0
10TH FL HALL SOUTH SIDE	0	72.9	45.3	491	2	19	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] **Date:** 5-7-02

CONFIDENTIAL,
SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008
CITY_21MC100_003464216

NYC-WTC_000180200

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 2:10 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
10TH FL Room 1006	1	74.1	46.7	529	2	19	0
10TH FL Room 1005	1	74.6	46.9	534	2	16	0
10TH FL Room 1009	4	74.9	46.8	701	2	19	0
9TH FL STAIRWELL "B"	0	72.3	47.1	476	2	19	0
9TH FL HALLWAY NORTH SIDE	0	72.5	47.2	491	2	21	0
9TH FL Room 915	5	74.6	46.8	729	2	16	0
9TH FL Room 909	1	74.5	46.1	536	2	17	0
8TH FL Room 815	1	73.9	46.2	541	2	22	0
8TH FL Room 809	3	73.8	46.3	669	2	21	0
8TH FL Room 806	0	73.9	46.4	491	2	20	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_00346421 7

NYC-WTC_000180201

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 7:20 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
8TH FLOOR Room 805	0	73.9	47.1	426	2	19	0
8TH FLOOR STAIRWELL 'A'	0	73.6	47.6	451	2	21	0
7TH FLOOR Room 705	3	74.6	47.6	669	2	19	0
7TH FLOOR Room 708	1	74.9	47.1	521	2	21	0
7TH FL Rm 709	0	75.1	46.6	471	2	22	0
7TH FL Rm 703	0	75.3	46.9	491	2	19	0
6TH FL Rm 609	0	74.9	47.1	466	2	20	0
6TH FL Rm 602	1	74.6	47.1	519	2	19	0
7TH FL HAILWAY EASTSIDE	2	73.2	46.3	629	2	18	0
6TH FL Rm 607	0	74.1	45.9	501	2	18	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003464218

NYC-WTC_000180202

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 2:40 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
6TH FL RM 615	6	73.6	45.1	791	2	19	0
5TH FL RM 505	0	73.9	45.9	426	2	19	0
5TH FL HALLWAY NORTH	3	72.3	45.6	560	2	18	0
5TH FL RM 506	1	74.6	45.7	449	2	17	0
5TH FL RM 509	3	74.1	45.7	669	2	19	0
5TH FL	0	73.6	45.9	476	2	21	0
4TH FL STAIRWELL A	0	73.4	45.9	456	2	22	0
4TH FL HALLWAY NORTH	0	72.9	46.1	469	2	23	0
4TH FL ROOM 404	2	74.1	46.9	541	2	19	0
4TH FL ROOM 409	0	74.6	46.9	433	2	19	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_0034644219

NYC-WTC_000180203

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 2:00 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
4TH FLOOR STAIRWELL B	0	72.3	45.9	461	2	19	0
3RD FLOOR RM 315	1	74.6	45.9	529	2	21	0
3RD FLOOR RM 306	0	74.7	46.7	473	2	22	0
3RD FLOOR RM 305	0	74.3	46.1	474	2	23	0
3RD FLOOR HALLWAY	0	74.1	46.1	475	2	19	0
3RD FLOOR STAIRWELL A	0	74.6	46.9	476	2	21	0
2ND FLOOR STAIRWELL B	0	74.8	47.1	481	2	22	0
2ND FLOOR AUDITORIUM	0	74.9	47.6	529	2	19	0
2ND FLOOR OUTSIDE OF MENS ROOM	0	75.1	45.9	546	2	18	0
2ND FLOOR STAIRWELL A	0	75.2	46.3	429	2	17	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

CONFIDENTIAL, SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CITY_21MC100_003464220

NYC-WTC_000180204

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Time: 3:30 pm LOCATION: 90 Trinity Place /HS for Leadership and public services DATE: 5-7-02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
2ND FL HALLWAY	0	73.6	46.9	491	2	19	0
1ST FLOOR STAIRS "A"	0	73.9	46.3	486	2	19	0
1ST FL LOBBY	2	73.9	46.4	549	2	24	0
1ST FLOOR ROOM 123	1	74.6	46.5	516	2	25	0
BSMT STAIRWELL "A"	0	72.9	47.1	477	2	18	0
BSMT HALLWAY NEXT TO ELEVATOR.	0	72.6	47.3	479	2	16	0
SOUTHSIDE OF GYM.	0	73.9	47.9	481	2	21	0
Out Doors OUTSIDE OF MAIN ENTRANCE	0	80.1	44.1	477	2	21	0
Out Doors OUTSIDE OF SOUTH SIDE OF EXIT	0	80.3	44.6	486	2	21	0
Out Doors OUTSIDE OF NORTH SIDE OF EXIT	0	80.6	45.6	491	2	20	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-79 °F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments: N/A

The assessed location(s) ( ) Does ( ) Does not meet established indoor air quality guidelines.

Signature: [signature] Date: 5-7-02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,

CITY_21MC100_003464221

NYC-WTC_000180205