NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1000

LOCATION PS 234 M DATE 2/5/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
Outside. Main Entrance	OUTDOORS	35.9	10.2	465	0	12	0
NE Corner		33.2	10.0	466	0	11	0
NW Corner		34.3	10.3	475	0	9	0
SE Corner		36.9	10.5	465	0	12	0
SW Corner		37.1	10.7	463	0	14	0
Cafeteria	—	74.5	20.6	761	0	7	0
Hall by Main Deck		73.8	18.1	743	0	16	0
Main OFFice	7	74.1	17.3	754	0	10	0
Gym	26	70.7	13.4	657	0	9	0
116	16	71.0	16.9	837	0	7	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: Jay Chen Date: 2/5/02

CITY_21MC100_003031929

NYC-WTC_000199177

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1030

LOCATION PS 234 M DATE 2/5/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
222	22	71.9	18.1	991	0	7	0
220	26	73.7	19.5	996	0	9	0
218	24	77.7	20.2	1006	0	8	0
225	21	74.0	15.8	1019	0	10	0
223	28	74.4	16.4	958	0	11	0
221 (HALL)	—	74.4	15.5	793	0	8	0
Assembly	—	74.0	13.6	761	0	6	0
211	25	73.7	15.3	1134	0	9	0
201	3	71.9	12.8	689	0	8	0
Stair 2 (2nd Fl)	—	70.6	12.6	746	0	9	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 2/5/02

CITY_21MC100_00303193O

NYC-WTC_000199178

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 13:50

LOCATION PS 234 M DATE 2/5/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
305	35	70.8	15.8	1180	0	10	0
304	26	74.0	16.2	1178	0	9	0
306	6	73.8	14.6	899	0	10	0
323	27	71.8	13.3	999	0	11	0
310 (HALL)	—	71.3	12.2	784	0	10	0
325	31	69.9	14.4	1088	0	10	0
316	31	71.4	18.3	1191	0	10	0
318	24	73.2	18.7	1160	0	11	0
320	29	71.6	17.7	1215	0	10	0
322	27	71.1	18.1	1243	0	11	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: Jon Chan Date: 2/5/02

CITY_21MC100_003031931

NYC-WTC_000199179

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:05

LOCATION PS 234 M DATE 2/5/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
Outside Main Entrance	OUTDOORS	36.8	12.1	450	1	10	0
NW Corner		36.5	13.3	454	1	9	0
SW Corner		37.9	12.9	453	1	11	0
SE Corner		35.5	13.1	463	1	12	0
NE Corner		35.9	13.5	469	1	10	0
Cafeteria		73.1	19.0	613	0	13	0
Hall by Main Desk		77.0	24.0	629	0	20	0
116	13	68.7	16.1	708	0	12	0
118	25	70.0	17.5	918	0	14	0
120	28	70.5	18.7	963	0	10	0
Guideline levels ASHRAE/AIHA/EPA		68-75°F/winter 73-79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: Jay Chien Date: 2/5/02

CITY_21MC100_00303193

NYC-WTC_000199180

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:30

LOCATION PS 234 M DATE 2/5/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
122	21	69.9	17.7	932	0	12	0
2nd Fl. (Hall) 3 stair 3	—	69.9	17.3	871	0	13	0
216	25	71.4	33.8	999	0	15	0
229	26	72.1	22.7	1108	0	13	0
225	17	72.2	23.6	991	0	19	0
223	21	73.5	23.9	1160	0	16	0
Assembly	20	71.0	19.5	1201	0	15	0
215 (Hall)	—	71.1	19.4	890	0	13	0
301	—	70.9	19.6	1190	0	10	0
Hall by Stair 2	—	71.1	20.2	791	6	13	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: Jay Chang Date: 2/5/02

CITY_21MC100_003031933

NYC-WTC_000199181

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:55

LOCATION PS 234 M DATE 2/5/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
304	29	71.5	23.1	917	0	16	0
315	31	72.1	27.9	1009	0	20	0
308	20	72.9	27.5	790	0	19	0
319	28	73.1	27.9	993	0	16	0
323	20	73.2	27.3	881	0	14	0
325	29	74.0	24.1	996	0	16	0
316	31	71.1	26.3	1202	0	18	0
318 (HALL)	—	71.1	25.0	1006	0	16	0
320	3	69.2	23.6	1190	0	14	0
Stair #3	—	65.9	20.5	1001	0	14	0
Guideline levels ASHRAE/AIHA/EPA		68 -75°F/winter 73 -79°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m^3 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: 2/5/02

CITY_21MC100_003031934

NYC-WTC_000199182