NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1400

LOCATION PS 234 M DATE 4/23/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Outside							
SW Corner		46.9	28.8	447	0	15	0.0
East Side		47.1	29.0	443	0	13	0.0
NW Corner		47.3	29.3	445	0	16	0.0
Courtyard		46.9	29.6	440	0	17	0.0
Main Entrance		46.7	29.8	437	0	16	0.0
NE Corner		47.0	30.0	441	0	15	0.0
SE Corner		47.3	30.3	443	0	13	0.0
South Side		47.4	30.5	440	0	16	0.0
7:30AM Main Entrance		46.8	46.8	444	0	17	0.0
7:30AM Inside by Maindesk		70.0	32.3	611	0	7	0.0
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: [signature] Date: 4/23/02

CITY_21MC100_002920345

NYC-WTC_000397339

NYC-WTC_000397340

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ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1420

LOCATION PS 234 M DATE 4/23/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Main Foyer		67.0	33.5	493	0	9	0.0
Main Desk		67.3	32.7	490	0	8	0.0
Hall by Gym		67.8	32.0	496	0	10	0.0
Gym		68.0	29.3	529	0	11	0.0
Cafeteria		66.0	28.0	485	0	10	0.0
Hall by Elevator		66.3	25.9	486	0	10	0.0
Hall by Ent'l		66.1	26.3	510	0	10	0.0
(Hall 114		65.7	25.8	508	0	10	0.0
116	16	66.6	31.8	686	0	12	0.0
118	27	67.0	31.8	960	0	12	0.0
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: 4/23/02

CITY_21MC100_00292034 6

NYC-WTC_000397341

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:45

LOCATION PS 234 M DATE 4/23/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
~~120~~ 120	27	~~67.3~~	33.8	954	C	17	C.C
122	1	66.4	31.8	913	C	11	0.0
Hall by Stair-3	—	66.3	31.0	758	C	12	0.0
Stair-3	—	66.4	30.1	823	C	12	0.0
222		68.1	33.3	716	C	7	0.0
220	27	69.3	34.0	752	C	7	0.0
218		70.4	33.4	703	C	6	0.0
216		70.8	32.4	774	C	5	0.0
219 (HALL)		71.1	32.1	768	C	6	0.0
229		70.9	31.4	760	C	7	0.0
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: 4/23/02

CITY_21MC100_00292034 7

NYC-WTC_000397342

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 15:10

LOCATION PS 234 M DATE 4/23/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
227 (HALL)		70.6	29.2	770	0	7	0.0
225		70.8	29.4	780	0	10	0.0
210 (HALL)		70.7	28.0	729	0	9	0.0
223		71.2	29.1	700	0	8	0.0
Hall by Elevator		71.1	27.4	714	0	9	0.0
219		70.0	26.4	720	0	10	0.0
206 (HALL)		70.1	26.2	687	0	8	0.0
206		71.4	28.0	701	0	8	0.0
215		730	27.1	729	0	7	0.0
211		72.8	27.0	742	0	9	0.0
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: Testing 210

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

Signature: [signature] Date: 4/23/02

CITY_21MC100_00292034B

NYC-WTC_000397343

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 1530

LOCATION PS 234 M DATE 4/23/02 PROJECT NO. 19125-279

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
201 (HALL)		72.5	26.8	727	0	10	0.0
202		72.8	26.8	715	0	9	0.0
301		71.3	25.1	780	0	4	0.0
302 (HALL)		71.2	25.5	754	0	10	0.0
304		67.0	23.4	613	0	12	0.0
311		69.0	25.7	667	0	11	0.0
306 (HALL)		69.2	25.2	703	0	11	0.0
315 (HALL)		69.4	25.4	701	0	9	0.0
308		65.7	23.0	597	0	12	0.0
319		68.0	26.0	707	0	10	0.0
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: Testing 201, 305, 306, 315

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

Signature: _____ Date: 4/23/02

CITY_2IMC100_00292034

NYC-WTC_000397344

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 16:00

LOCATION PS 234 M DATE 4/23/02 PROJECT NO. 19125-289

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
Hall by Stair 2		69.0	27.9	774	0	8	0.0
323		70.2	28.3	795	0	7	0.0
310		69.7	27.0	699	0	8	0.0
325		69.9	26.8	712	0	8	0.0
329		70.1	28.3	783	0	8	0.0
312 (HALL)		69.7	28.9	865	0	10	0.0
316 (HALL)		69.2	29.6	840	0	12	0.0
318		69.2	31.4	835	0	19	0.0
320		68.8	34.8	796	0	17	0.0
322 (HALL)		68.7	32.0	710	0	10	0.0
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: Testing 316,

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

Signature: _____ Date: 4/23/02

CITY_21MC100_00292035O