NYC 9/11 Public Portal Document

TIME _____

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	TVOCs (ppm)
Outside		46.4	26.4	440	0	20	0.0
1st floor lobby		69.5	25.2	488	0	20	0.0
Auditorium		70.1	24.3	548	0	18	0.0
125	Full	71.1	23.3	563	0	19	0.0
129	Full	71.2	23.4	548	0	10	0.0
133	Full	71.2	23.5	551	0	14	0.0
Hallway, South		69.1	25.5	501	0	19	0.0
Hallway, North		69.2	25.6	492	0	16	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: _____

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

Signature: H. Antony Date: 01/22/02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003457366

NYC-WTC_000255663

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME _____

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
2nd floor lobby		68.7	24.2	543	0	12	0.0
260		70.1	24.5	562	0	17	0.0
205	Full	70.2	23.5	493	0	19	0.0
237	20	71.3	23.5	491	0	20	0.0
229	26	71.4	23.5	427	0	21	0.0
231	28	70.2	23.6	504	0	15	0.0
238	Full	70.3	23.6	511	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: _____

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

Signature: H. Antonyan Date: 01/22/02

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

CITY_21MC100_003457367

NYC 9/11 Public Portal Document

TIME _____

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	T.V.O.Cs (ppm)
3rd floor Hallway		69.5	23.4	503	0	16	0.0
3rd floor Gym		70.5	23.4	431	0	15	0.0
301		71.3	23.5	481	0	19	0.0
305	Full	71.3	22.7	492	0	18	0.0
350	Full	71.2	22.8	497	0	16	0.0
351	Full	70.7	23.9	478	0	18	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: _____

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

Signature: H. Arteaga **Date:** 01/22/02

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

CITY_21MC100_00345736B

NYC-WTC_000255665

NYC 9/11 Public Portal Document

TIME _____

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
4th fl. Hallway		70.5	23.9	567	0	21	0.0
402	5	71.6	23.9	491	0	18	0.0
401	15	71.7	23.8	487	0	12	0.0
450		70.7	23.7	427	0	16	0.0
411	28	70.8	23.6	532	0	20	0.0
403	25	71.9	23.4	521	0	19	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: 01/22/02

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

CITY_21MC100_003457369

NYC-WTC_000255666

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME _____

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
5th floor Hallway		71.5	23.4	487	0	17	0.0
Cafeteria	full	72.2	24.5	679	0	18	0.0
503	full	71.9	23.5	531	0	17	0.0
511	full	71.6	23.5	557	0	14	0.0
513	full	71.6	23.6	496	0	18	0.0
West Stair		69.2	24.7	448	0	11	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: H. Antonyan **Date:** 01/22/02

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

CITY_21MC100_003457370

NYC-WTC_000255667

NYC 9/11 Public Portal Document

TIME _____

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
6th fl. Hallway North		70.9	23.8	482	0	14	0.0
6th fl. Gym		70.8	23.9	476	0	19	0.0
615	Full	71.2	23.4	498	0	20	0.0
635	Full	71.2	23.5	526	0	10	0.0
Hallway South		70.3	24.5	456	0	18	0.0
East Stair		69.1	24.5	442	0	14	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: _____

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

Signature: H. Arbogast Date: 01/22/02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_003457371

NYC-WTC_000255668

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME _____

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
7th fl. Hallway North		70.9	23.7	469	0	19	0.0
701	4	71.3	23.7	513	0	20	0.0
731	full	71.3	23.7	518	0	11	0.0
703	full	71.4	23.8	521	0	12	0.0
Hallway South		70.8	23.9	431	0	20	0.0
West Stair		69.8	24.1	425	0	18	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: H Arbogast Date: 01/22/02

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

CITY_21MC100_003457372

NYC-WTC_000255669

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME _____

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
8th fl. Hallway North		70.6	23.1	561	0	11	0.0
802	full	71.3	23.1	481	0	13	0.0
803	full	71.4	23.2	567	0	16	0.0
807	full	71.4	23.4	571	0	19	0.0
801	full	71.4	23.5	572	0	11	0.0
836	full	71.5	23.5	583	0	17	0.0
838	full	70.9	23.6	574	0	11	0.0
840	full	70.9	23.7	498	0	16	0.0
815	full	70.8	23.8	536	0	15	0.0
East Stairs		69.7	24.1	443	0	19	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: H. Astorga Date: 01/22/02

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

CITY_21MC100_003457373

NYC-WTC_000255670

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME _____

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
9th fl. Hallway South West		70.6	23.5	429	0	18	0.0
901		71.8	23.6	528	0	10	0.0
902		71.9	23.7	561	0	19	0.0
931	full	71.3	23.8	531	0	11	0.0
935	full	72.4	23.8	567	0	12	0.0
936	full	72.5	23.9	478	0	15	0.0
938	full	72.6	23.9	598	0	10	0.0
940	full	72.6	23.4	561	0	17	0.0
Hallway Middl		71.8	24.2	443	0	19	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: 01/22/02

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

CITY_21MC100_003457374

NYC-WTC_000255671

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME _____

LOCATION Stuyvesant H.S. (M477) DATE 01/22/02 PROJECT NO. 19125-0246

15:00

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	TVOCs (ppm)
10 fl. Hallway Middle		70.8	24.2	487	0	12	0.0
1004	full	71.7	23.3	581	0	17	0.0
1001	full	72.3	23.3	592	0	13	0.0
1010	full	72.4	23.5	563	0	19	0.0
1006	full	72.5	23.6	534	0	18	0.0
1025	full	72.8	23.7	493	0	10	0.0
1033	full	71.9	23.8	478	0	11	0.0
Outside		47.1	26.5	438	0	21	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: _____

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

Signature: _____ **Date:** 01/22/02

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL, CITY_21MC100_003457375

NYC-WTC_000255672