NYC 9/11 Public Portal Document

New Filters

ATC ASSOCIATES, INC.

TIME 8:05

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Outside	—	48.8	34.3	506	1	58	0
736	13	73.5	31.2	743	0	32	0
737 (HALL)	—	74.0	29.7	643	1	32	0
738 (window #3,4 OPEN)	19	75.4	30.7	818	1	28	0
739	32	74.6	31.8	962	1	33	0
740	23	73.0	29.4	862	1	28	0
636 (HALL)	—	76.5	27.0	753	1	34	0
638	28	78.6	29.8	881	0	27	0
639	28	75.1	29.7	819	1	31	0
640	27	73.2	30.0	980	1	36	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: Jing Chang Date: 12/12/01

CITY_21MC100_00289734

NYC-WTC_000401489

NYC 9/11 Public Portal Document

New Filters

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:30

LOCATION STUYVESANT HIGH SCHOOL DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
429	37	73.3	31.6	1182	1	40	0
431	32	72.8	30.5	1081	1	39	0
433	32	76.0	31.0	985	1	35	0
435	30	73.3	31.4	1180	1	35	0
436	2	72.7	26.2	542	1	37	0
438 (HALL)	—	72.7	28.4	792	1	37	0
4387	26	73.8	30.4	1199	1	34	0
440 ~~438~~	38	74.3	29.3	1020	1	38	0
439 ~~HALL~~	36	74.9	29.0	889	1	30	0
339	28	71.6	33.8	1228	1	41	0
Guideline levels ASHRAE/AIHA		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 Chay Date: 12/12/01

CITY_21MC100_002897343

NYC-WTC_000401490

NYC 9/11 Public Portal Document

New Filters

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 9:00

LOCATION STUYVESANT HIGH SCHOOL DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occupt	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
338	10	71.6	28.0	634	1	37	0
337	32	71.2	31.6	1099	1	40	0
336	9	72.1	27.7	675	1	35	0
335	33	72.7	31.0	1092	1	41	0
333	30	74.0	32.4	1309	1	28	0
329	26	73.8	29.4	935	1	40	0
327	20	74.0	31.4	1219	1	29	0
Guideline levels ASHRAE/AIHA		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: Jim Chan Date: 12/12/01

CITY_21MC100_002897344

NYC-WTC_000401491

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 9:25

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
1001	—	74.4	28.4	735	~~3~~ 1	31	0
Hall by 1005	—	74.2	26.7	677	1	33	0
1006	34	74.8	29.6	929	1	38	0
1007	30	75.1	27.2	729	1	35	0
Hall by 1009	—	74.5	27.7	593	1	37	0
1010	32	75.4	30.8	1122	1	28	0
1017	22	75.7	26.3	694	1	35	0
1025	27	75.0	27.0	802	1	36	0
1033	32	74.5	28.1	879	1	39	0
West Stairs	—	75.9	26.7	750	1	33	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: Qiji Chu Date: 12/12/01

CITY_21MC100_002897345

NYC-WTC_000401492

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 9:58

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
926 HALL BY	—	75.5	27.2	897	1	41	0
WEast Stairs	—	77.3	27.4	828	1	38	0
936	20	79.4	25.8	683	1	35	0
940	22	74.3	25.0	772	1	40	0
935	29	75.2	26.8	883	1	41	0
931	24	76.0	28.0	1099	1	36	0
913	30	75.7	27.0	871	1	38	0
902	33	74.8	28.8	999	1	42	0
903	—	74.4	26.6	748	1	38	0
Hall by 901	—	74.0	26.3	719	1	37	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: Jiy Chan Date: 12/12/01

CITY_21MC100_00289734G

NYC-WTC_000401493

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:30

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
801	2	75.1	27.2	801	1	39	0
Hall by 802	—	75.0	27.6	879	1	39	0
804	22	74.6	29.8	959	1	41	0
815	17	75.0	27.4	809	1	33	0
Hall by west stair	—	75.3	27.4	699	1	39	0
826	13	75.3	27.7	926	1	39	0
829	28	77.6	31.3	1144	1	38	0
836	33	76.7	30.4	1099	1	32	0
840	20	76.3	27.8	854	1	38	0
H Stairs	—	75.0	25.5	619	1	37	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 Chan Date: 12/12/01

CITY_21MC100_002897347

NYC-WTC_000401494

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 11:05

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m^3)	TVOCs (ppm)
Hall by 739	—	75.0	26.7	825	1	36	0
735	37	75.6	33.4	1923	1	28	0
726	9	75.2	28.2	834	1	34	0
Hall by 721	—	74.7	25.0	569	1	36	0
717	31	75.2	33.2	1598	1	48	0
715	31	76.9	32.4	1509	1	26	0
709	32	75.9	29.0	914	1	35	0
703	35	75.4	30.1	1099	1	35	0
701	—	75.0	26.4	748	1	28	0
East Stairs	—	76.1	26.3	654	1	34	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 Clay **Date:** 12/12/01

CITY_21MC100_002897348

NYC-WTC_000401495

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 11:30

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
601	5	74.3	26.0	665	1	31	0
Hall by Gym	—	74.3	26.4	619	1	36	0
615	45	78.3	28.4	825	1	27	0
615C	—	78.1	26.5	711	1	26	0
615A	24	76.2	27.6	972	1	34	0
629	29	76.0	29.3	753	1	35	0
635	28	76.4	26.7	763	1	34	0
Hall by 638	—	76.7	26.7	717	1	35	0
Hall by H stairs	—	76.6	26.4	752	1	32	0
"H" Stairs	—	75.6	25.1	642	1	39	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 Chan Date: 12/12/01

CITY_21MC100_002897349

NYC-WTC_000401496

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 12:00

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Cafeteria	65	72.5	24.1	516	1	38	0
Kitchen	12	72.5	25.0	510	1	39	0
Hall by west stair	—	74.6	28.0	706	1	44	0
531	3	75.0	27.5	728	1	31	0
525	44	76.3	29.2	909	1	38	0
513	40	77.0	29.0	1022	1	37	0
Hall by G stairs	—	73.5	25.1	574	1	34	0
501A	3	75.0	26.5	710	1	30	0
502	3	75.2	26.7	729	1	28	0
East Stairs	—	76.2	27.6	749	1	35	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: Jing Chang Date: 12/12/01

CITY_21MC100_002897350

NYC-WTC_000401497

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 12:30

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall by 401	—	76.6	28.0	930	1	36	0
402	2	77.0	25.5	605	1	34	0
402A	2	77.8	25.1	613	1	30	0
404	17	77.3	27.4	1028	1	59 (chalk dust)	0
403	27	76.6	29.3	1152	1	47	0
405	30	76.2	29.4	1250	1	53 (chalk dust)	0
407	26	76.6	28.8	1074	1	55 (chalk dust)	0
Hall by Elevator	—	76.4	27.7	899	1	36	0
Hall by 413	—	76.8	27.6	830	1	34	0
West Stairs	—	77.2	27.0	809	1	39	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: Jing Chen Date: 12/12/01

CITY_21MC100_002897351

NYC-WTC_000401498

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 13:05

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall by 330	—	76.0	26.0	690	1	~~XX~~ 37	0
325	33	75.4	27.4	958	1	39	0
315	31	75.1	28.1	1044	1	40	0
313	32	74.6	29.1	1154	1	41	0
Hall by Gym	—	75.3	25.6	649	1	34	0
303	30	75.4	31.6	1003	1	40	0
301	2	74.9	27.0	819	1	37	0
302	2	75.5	27.8	799	1	36	0
Hall by East Stair	—	75.6	27.0	769	1	36	0
East stair	—	76.1	26.6	730	1	38	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: Jing Chang Date: 12/12/01

CITY_21MC100_002897352

NYC-WTC_000401499

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 13:30

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall by bridge	—	75.8	26.4	725	1	36	0
203	3	75.5	26.7	774	1	33	0
205	4	75.3	26.5	769	1	35	0
209	8	75.4	27.5	809	1	37	0
213	2	75.7	27.8	756	1	31	0
222	2	77.0	25.5	559	1	33	0
225	8	77.0	27.0	743	1	36	0
229	29	76.0	27.4	883	1	40	0
Hall by 235	—	74.8	25.7	679	1	34	0
H Stairs	—	71.7	24.2	528	1	36	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 Chay Date: 12/12/01

CITY_21MC100_002897353

NYC-WTC_000401500

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:25

LOCATION Stuyvesant H.S. (M477) DATE 12/12/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall by 155	—	70.0	26.8	542	1	63	0
133	45	72.0	30.4	842	0	27	0
129	28	72.1	29.7	719	0	26	0
132	4	71.6	28.6	709	1	35	0
Hall by 125	—	71.4	28.0	590	0	32	0
Hall by Front Desk	—	72.0	28.3	575	1	36	0
101	3	71.4	29.3	590	1	35	0
105	3	72.9	29.9	651	1	33	0
Hall by 107	—	72.2	29.6	550	1	38	0
Outside	—	59.6	27.2	493	1	60	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: Jiming Chow Date: 12/12/01

CITY_21MC100_002897354

NYC-WTC_000401501