NYC 9/11 Public Portal Document

New Filters

TIME 8:10

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Outside	—	58.9	59.5	578	1	489	0
736	14	73.9	58.5	904	1	43	0
737 (HALL)	—	75.6	46.4	699	1	43	0
738 WIN # 2 OPEN	22	76.0	53.4	799	1	41	0
739 (HALL)	—	75.5	46.4	705	1	45	0
740	26	74.2	49.6	920	1	38	0
638	27	79.1	44.4	792	2	47	0
639	32	77.1	46.8	789	1	49	0
640	28	77.2	47.4	1189	2	48	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: Gij Chay Date: 12/14/01

CITY_21MC100_002897380

NYC-WTC_000401511

NYC 9/11 Public Portal Document

New Filters

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:45

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
429	34	74.8	45.4	916	2	82	0
431	32	75.2	47.8	1051	2	74	0
433	36	75.4	49.4	1114	1	70	0
435	22	73.6	47.8	1025	1	67	0
436	2	72.9	40.5	585	2	49	0
437	25	75.8	42.9	911	2	51	0
438 (HALL)	—	75.7	41.0	768	2	50	0
439	33	77.0	42.1	829	2	52	0
440	28	75.9	41.7	908	2	50	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: Ji Chung Date: 12/14/01

CITY_21MC100_002897381

NYC-WTC_000401512

NYC 9/11 Public Portal Document

New Filters

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 930

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
339	25	74.9	51.3	1312	2	49	0
338	10	72.4	44.1	710	2	54	0
337	33	73.1	50.0	1239	2	74	0
336	6	73.2	42.2	649	2	50	0
335	33	74.9	46.7	1180	2	80	0
333	29	76.1	45.5	1092	2	31	0
329	29	75.7	46.7	1015	2	74	0
327	20	75.5	46.8	1142	2	61	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: 12/14/01

CITY_21MC100_002897382

NYC-WTC_000401513

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:10

LOCATION Stuyvesant H.S (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
1001	—	75.1	42.5	798	2	55	0
Hall by 1004	—	75.5	41.9	710	2	51	0
1006	30	76.4	44.1	835	2	61	0
1007	30	77.6	43.0	840	2	49	0
Hall by 1009	—	78.0	41.6	699	2	50	0
1010	30	78.4	45.2	1077	2	40	0
1017	21	79.2	42.0	749	2	48	0
1025	28	77.0	42.1	984	2	69	0
1033	12	77.3	43.0	1070	2	70	0
West Stairs	—	78.5	42.0	909	2	53	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: 12/14/01

CITY_21MC100_002897383

NYC-WTC_000401514

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:45

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
931	23	79.0	46.5	1479	2	43	0
936 (win #3 open)	28	80.7	41.2	955	2	50	0
935	31	78.5	41.1	1090	2	56	0
938	12	77.6	41.2	1087	2	43	0
Hall by 913	—	78.6	42.4	980	2	53	0
940	27	75.9	40.4	933	2	56	0
Hall by 939	—	77.3	41.0	920	2	60	0
Hall by 907	—	78.2	40.2	759	2	49	0
902	32	77.8	42.4	907	2	59	0
903	—	77.7	40.0	789	2	55	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: 12/14/01

CITY_21MC100_002897384

NYC-WTC_000401515

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 15:35

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
804	18	75.8	46.0	817	2	48	0
803	29	76.5	44.9	834	2	53	0
Hall by Elevator	—	76.7	42.7	644	2	51	0
815	17	77.2	43.5	908	2	49	0
829	29	78.4	45.5	814	2	54	0
840	21	78.0	42.3	741	2	49	0
837	35	77.8	44.7	925	2	85	0
835	—	77.6	41.2	665	2	50	0
Hall by "H" Stairs	—	77.9	41.1	703	2	51	0
"H" Stairs	—	76.4	39.8	679	2	59	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: 12/14/01

CITY_21MC100_002897385

NYC-WTC_000401516

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 12:00

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall by 737	—	76.9	41.4	847	2	58	0
731	31	76.4	43.5	989	2	70	0
727	33	77.1	44.3	1089	2	60	0
717	34	77.8	44.6	1153	2	71	0
715	31	78.7	50.0	1420	2	48	0
704	1	79.2	41.3	709	2	48	0
705	2	79.0	40.4	694	2	67	0
707	2	83.0	40.1	689	2	68	0
701	1	78.5	38.1	706	2	38	0
East Stairs	—	79.1	40.2	816	2	54	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: 12/14/01

CITY_21MC100_002897386

NYC-WTC_000401517

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:30

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
601	3	79.7	39.2	853	2	47	0
Hall by Gym	—	79.7	40.5	899	2	64	0
615	67	80.5	40.4	889	2	38	0
615C	2	80.5	38.9	836	2	35	0
BY 615 M F	—	80.2	39.0	840	2	46	0
627	28	79.2	41.0	1065	2	60	0
629	33	79.0	41.5	1103	2	76	0
635	25	79.5	42.1	1070	2	78	0
Hall by 638	—	79.7	40.9	901	2	63	0
"H" Stairs	—	77.5	38.2	761	2	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: Jay Chey Date: 12/14/01

CITY_21MC100_002897387

NYC-WTC_000401518

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 13:05

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Cafeteria	70	75.1	38.8	692	2	65.	0
531	3	77.6	42.0	~~792~~	2	50	0
Hall by west stairs	—	78.5	43.4	882	2	65	0
525	20	79.6	43.7	1125	2	75	0
513	34	79.4	45.1	1209	2	79	0
511	26	78.1	44.4	1380	2	71	0
507	32	77.9	42.9	1116	2	72	0
505	31	78.0	44.4	1359	2	70	0
503	28	78.6	44.0	1219	2	53	0
East Stairs	—	79.1	41.6	892	2	56	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: 12/14/01

CITY_21MC100_002897388

NYC-WTC_000401519

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 13:30

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
404	28	78.5	42.4	1076	2	55	0
402	7	79.3	41.8	1027	2	41	0
401	3	78.6	40.4	950	2	55	0
403	26	78.9	42.6	1189	2	59	0
405	30	78.2	43.3	1190	2	70	0
407	23	78.5	42.8	993	2	66	0
Hall by Elevator	—	79.9	40.6	712	2	49	0
427	35	78.3	49.8	1706	2	70	0
Hall by 446	—	77.0	39.5	691	2	43	0
R Stairs	—	75.5	39.6	679	2	48	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: 12/14/01

CITY_21MC100_002897389

NYC-WTC_000401520

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:10

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
307	29	74.6	44.7	771	2	76	0
305	28	75.6	48.2	1049	2	80	0
303	33	76.1	48.4	1239	2	88	0
301	1	74.0	42.6	639	2	76	0
302	4	76.2	44.0	865	2	67	0
Hall by Gym	—	76.8	43.2	719	2	60	0
313	30	74.9	45.7	1099	2	74	0
315	33	76.0	48.8	1330	2	107 (CHALK Dust)	0
325	29	75.6	44.2	920	2	88	0
Hall by 321	—	76.1	42.7	707	2	51	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: 12/14/01

CITY_21MC100_002897390

NYC-WTC_000401521

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:35 LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall by 250	—	74.2	40.5	650	2	61	0
239	5	74.6	42.8	799	2	51	0
237	30	75.3	45.3	822	2	60	0
236	12	75.1	42.8	717	2	43	0
235	31	74.6	45.5	1073	2	55	0
Hall by 232	—	73.9	43.4	698	2	48	0
209	3	73.9	44.1	660	2	54	0
Hall by bridge	—	74.0	43.9	655	2	52	0
Hall by 220	—	74.1	42.9	650	2	51	0
East Stairs	—	75.5	44.6	647	2	52	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: 12/14/01

CITY_21MC100_002897391

NYC-WTC_000401522

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 15:05

LOCATION Stuyvesant H.S. (M477) DATE 12/14/01 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
101	2	74.4	43.4	619	2	48	0
103	1	73.8	43.8	629	2	50	0
105	5	74.5	44.7	632	2	51	0
Hall by 107	—	73.4	43.9	596	2	50	0
Hall by Front Desk	—	72.7	44.2	570	2	51	0
125	—	73.0	44.1	581	2	43	0
133	42	74.8	48.3	968	1	36	0
129	29	74.0	46.0	757	2	34	0
Hall by 155	—	77.7	44.4	607	2	51	0
Outdoors	—	62.0	47.0	540	3	85	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: 12/14/01

CITY_21MC100_002897392

NYC-WTC_000401523