NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:00

LOCATION Stuyvesant H.S.(M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Outside	—	46.1	26.2	440	0	45	0
736	21	74.1	25.2	1064	0	24	0
737	31	74.3	25.9	1227	0	23	0
738	22	74.5	24.9	995	0	23	0
739	23	74.6	24.2	790	0	24	0
740 (HALL)	—	74.5	24.2	904	0	22	0
636	30	73.7	26.2	1079	0	32	0
638	32	74.3	24.8	779	0	20	0
~~639~~ 640	29	74.6	25.6	1050	0	23	0
~~640~~ 639	34	74.3	24.8	944	0	31	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: ~~10/5~~ 1/17/02

CITY_21MC100_00289784

NYC-WTC_000401855

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 10:30

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
429	30	73.4	25.6	999	0	29	0
431	28	72.9	24.9	1055	0	35	0
433	37	74.0	24.6	899	0	27	0
435 (HALL)	—	74.0	24.1	887	0	24	0
436	4	73.3	22.7	677	0	28	0
437	27	73.5	24.5	966	0	27	0
438 (HALL	—	74.0	23.9	858	0	22	0
439	24	73.3	23.4	777	0	26	0
440 (HALL)	—	73.4	23.9	864	0	24	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 Chen Date: 1/17/02

CITY_21MC100_0028978 42

NYC-WTC_000401856

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 11:00

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
339 (HALL)	—	72.8	24.6	821	0	23	0
338	—	72.9	24.0	500	0	26	0
337	33	73.0	25.5	955	0	27	0
336	29	73.1	23.3	747	0	27	0
335	30	72.7	24.2	925	0	34	0
333	27	72.8	23.2	760	0	30	0
329 (HALL)	—	73.4	25.0	969	0	25	0
327	28	73.6	26.6	1330	0	23	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: 1/17/02

CITY_21MC100_002897843

NYC-WTC_000401857

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 11:30

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occupt	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
1001	31	68.9	36.1	1270	0	16	0
1004	32	69.7	37.8	1123	0	22	0
1006	36	70.8	31.2	1135	0	25	0
1007	28	70.9	29.4	757	0	11	0
1009 (HALL)	—	70.6	28.1	699	0	12	0
1010	28	71.1	29.6	1027	0	13	0
1017	31	70.9	25.2	663	0	12	0
1025	11	71.1	24.9	681	0	21	0
1024	37	71.4	26.9	899	0	10	0
1039	32	72.0	25.0	693	0	17	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: 1/17

CITY_21MC100_002897844

NYC-WTC_000401858

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 12:00

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
926	4	73.4	24.0	687	0	16	0
936	32	73.0	27.1	1002	0	14	0
938	8	72.3	24.4	879	0	18	0
940	33	71.8	25.9	945	0	21	0
939	35	71.9	23.9	744	0	17	0
933	31	72.0	24.6	699	0	17	0
931	26	72.3	25.2	930	0	16	0
913 (HMH)	—	72.4	23.3	620	0	17	0
911	30	72.1	22.9	635	0	22	0
903	4	71.5	23.0	616	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/m³ 24-hour average**	**1 ppm**

Comments: _____

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

Signature: _____ Date: 1/17/02

CITY_21MC100_002897845

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NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 12:30

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m^3)	TVOCs (ppm)
E Stairs	—	73.1	24.0	650	0	22	0
801 (HALL)	—	73.3	24.0	654	0	15	0
804	28	72.7	24.7	785	0	19	0
Elevator (HALL)	—	71.6	23.3	630	0	15	0
815	14	71.9	23.6	759	0	24	0
828 (HALL)	—	73.2	25.7	816	0	22	0
829	11	73.1	25.6	934	0	23	0
835	15	74.0	25.5	855	0	27	0
840	14	74.4	26.0	950	0	26	0
H Stairs	—	74.3	23.8	715	0	30	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:** 1/17/02

CITY_21MC100_00289784

NYC-WTC_000401860

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 13:00

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
Hall by 736	—	74.1	24.5	969	0	22	0
735	31	74.0	27.7	1541	0	23	0
731	28	73.3	24.6	1002	0	28	0
727	32	73.9	27.0	1502	0	17	0
717	24	73.3	26.1	1201	0	29	0
715	31	72.8	26.0	1178	0	25	0
Hall by Elevator	—	73.2	23.7	792	0	19	0
709	30	72.5	23.8	855	0	22	0
701	3	72.2	22.9	695	0	15	0
705	—	71.6	22.3	640	0	25	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:** 1/17/02

CITY_21MC100_002897847

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NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 13:20

LOCATION Stuyvesant H.S.(M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates(ug/m³)	TVOCs (ppm)
601	3	72.7	23.0	620	0	22	0
Hall (East Stair)	—	72.3	22.5	596	0	17	0
Hall by Gym	—	72.1	23.4	660	0	20	0
Hall by Elevator	—	72.0	23.0	649	0	21	0
615	Full	72.0	23.7	765	0	27	0
615C	—	72.5	23.0	691	0	22	0
615A	28	73.1	22.8	725	0	16	0
627 (Hall)	—	73.4	24.7	746	0	21	0
629	22	73.4	25.0	904	0	27	0
635	33	73.9	25.8	768	0	21	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:** 1/17/02

CITY_21MC100_0028978 48

NYC-WTC_000401862

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:00

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
H Stair	—	74.2	22.1	649	0	29	0
Cafeteria	Full	76.8	23.5	807	0	33	0
Kitchen	5	76.4	25.3	764	0	38	0
West (HALL)	—	75.6	22.2	658	0	21	0
525	35	75.4	23.0	788	0	30	0
513	34	74.3	24.3	948	0	31	0
511	29	73.4	24.2	989	0	27	0
Elevator (HALL)	—	73.4	22.0	710	0	17	0
501	3	76.3	21.9	703	0	17	0
502 (HALL)	—	75.9	21.7	706	0	15	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: 1/17/02

CITY_21MC100_002897849

NYC-WTC_000401863

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 14:30

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
401	—	74.4	22.2	865	0	18	0
402	7	75.7	22.4	808	0	24	0
403	26	74.8	26.2	1123	0	26	0
404	26	75.6	24.9	1058	0	25	0
405	32	74.6	24.1	999	0	30	0
407	24	74.1	22.3	770	0	33	0
Elevator (HALL)	—	73.1	22.8	690	0	27	0
413	—	73.0	21.1	573	0	29	0
427	33	73.5	24.2	879	0	46	0
429 (HALL)	—	73.3	24.9	940	0	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/m³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____ Date: _____

CITY_21MC100_002897850

NYC-WTC_000401864

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 15:00

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 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 333	—	72.8	24.1	799	0	21	0
325 (HALL)	—	72.8	23.5	710	0	25	0
315	29	72.5	23.5	775	0	35	0
313	29	72.0	24.9	949	0	34	0
Gym (HALL)	—	72.5	23.6	709	0	26	0
Elevator (HALL)	—	72.3	23.7	700	0	24	0
307	25	72.8	22.7	675	0	32	0
305	20	73.2	25.6	910	0	38	0
301 (HALL)	—	73.0	23.7	794	0	22	0
302	3	74.4	25.1	934	0	23	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:** 1/17/02

CITY_21MC100_002897851

NYC-WTC_000401865

NYC 9/11 Public Portal Document

TIME 15:30

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 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	—	73.6	23.4	679	0	24	0
205	3	72.7	22.7	650	0	25	0
207	2	72.8	23.0	444	0	23	0
209	5	72.7	23.5	669	0	20	0
Hall by Elevator	—	72.3	22.5	584	0	28	0
231	26	73.4	22.9	701	0	30	0
233 (HALL)	—	72.3	23.0	750	0	25	0
235	31	72.3	23.4	851	0	30	0
239 (HALL)	—	72.2	22.6	702	0	27	0
H. Stair	—	72.4	22.5	679	0	25	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: 1/17/02

CITY_21MC100_002897852

NYC-WTC_000401866

NYC 9/11 Public Portal Document

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 16:15

LOCATION Stuyvesant H.S. (M477) DATE 1/17/02 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	—	72.1	22.9	683	0	25	0
133	6	72.1	25.0	870	0	28	0
129	70 (Back)	72.2	25.1	1713	0	27	0
Hall by West Stair	—	71.9	27.8	750	0	24	0
125	51	72.2	28.6	2080	0	25	0
Hall by Front Desk	—	71.8	24.7	711	0	23	0
101	3	71.2	23.9	613	0	23	0
103	5	71.5	24.3	629	0	22	0
105	5	72.2	24.1	680	0	22	0
Outside	—	48.1	21.5	489	0	53	6
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 ( ) Docs not meet established indoor air quality guidelines.

Signature: _____ Date: 1/17/02

CITY_21MC100_0028978 53

NYC-WTC_000401867