

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 1 of 12TIME 8:00LOCATION Stuyvesant H.S. (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<i>Outside</i>		<i>59.5</i>	<i>24.0</i>	<i>424</i>	<i>1</i>	<i>17</i>	<i>0</i>
<i>1st floor Hallway, North</i>	<i>7</i>	<i>65.6</i>	<i>27.3</i>	<i>472</i>	<i>0</i>	<i>8</i>	<i>0</i>
<i>Auditorium</i>	<i>6</i>	<i>68.1</i>	<i>27.1</i>	<i>465</i>	<i>0</i>	<i>11</i>	<i>0</i>
<i>1st fl. lobby</i>	<i>10</i>	<i>68.4</i>	<i>28.2</i>	<i>527</i>	<i>0</i>	<i>10</i>	<i>0</i>
<i>125</i>	<i>30</i>	<i>70.5</i>	<i>28.6</i>	<i>875</i>	<i>0</i>	<i>9</i>	<i>0</i>
<i>129</i>	<i>30</i>	<i>71.6</i>	<i>28.7</i>	<i>962</i>	<i>0</i>	<i>10</i>	<i>0</i>
<i>132</i>	<i>1</i>	<i>72.6</i>	<i>27.7</i>	<i>645</i>	<i>0</i>	<i>12</i>	<i>0</i>
<i>133</i>	<i>30</i>	<i>72.8</i>	<i>29.8</i>	<i>948</i>	<i>0</i>	<i>10</i>	<i>0</i>
<i>Hallway by 133</i>	<i>4</i>	<i>70.5</i>	<i>27.4</i>	<i>526</i>	<i>0</i>	<i>9</i>	<i>0</i>
<i>Stair West side</i>		<i>72.7</i>	<i>26.4</i>	<i>425</i>	<i>1</i>	<i>8</i>	<i>0</i>
Guideline levels ASHRAE/AIAA/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: 4/24/02

CITY_21MC100_002868283

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 2 of 12TIME 8:30LOCATION Stuyvesant H.S (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<u>2nd fl. lobby</u>	<u>6</u>	<u>68.7</u>	<u>26.7</u>	<u>605</u>	<u>1</u>	<u>10</u>	<u>0</u>
<u>213 m. office</u>		<u>71.4</u>	<u>26.4</u>	<u>642</u>	<u>0</u>	<u>8</u>	<u>0</u>
<u>211 G. office</u>	<u>2</u>	<u>72.2</u>	<u>27.0</u>	<u>765</u>	<u>0</u>	<u>9</u>	<u>0</u>
<u>260</u>		<u>70.1</u>	<u>26.4</u>	<u>542</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>229</u>	<u>30</u>	<u>72.4</u>	<u>28.9</u>	<u>897</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>231</u>	<u>30</u>	<u>73.6</u>	<u>29.4</u>	<u>968</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>233</u>	<u>25</u>	<u>73.4</u>	<u>30.0</u>	<u>944</u>	<u>1</u>	<u>9</u>	<u>0</u>
<u>235</u>	<u>25</u>	<u>74.2</u>	<u>29.6</u>	<u>872</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>236 Gd. office</u>	<u>2</u>	<u>72.8</u>	<u>30.8</u>	<u>685</u>	<u>0</u>	<u>8</u>	<u>0</u>
<u>237</u>	<u>30</u>	<u>73.4</u>	<u>31.2</u>	<u>977</u>	<u>0</u>	<u>10</u>	<u>0</u>
Guideline levels ASHRAE/ATIA/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. Arbo

Date: _____

4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

TIME 8:55

LOCATION Stuyvesant H.S. (M471) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
3rd Fl. Hallway	5	72.6	27.6	507	1	12	0
3rd Fl. Gym	30	72.8	28.9	845	1	14	0
303	30	73.6	28.8	975	0	11	0
305	30	73.8	29.7	1006	0	10	0
307	25	72.2	29.4	877	0	12	0
313	30	74.1	30.6	985	1	11	0
315	30	73.5	31.4	1012	0	12	0
327	25	74.0	30.0	945	0	9	0
329	30	73.8	29.8	1022	0	10	0
333	30	74.2	31.4	967	0	12	0
Guideline levels ASHRAE/ATIA/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. A. Long Date: 4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 9:20

LOCATION Stuyvesant H.S. (N4FF) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
335	30	74.1	29.8	975	0	12	0
336 Ph. office	10	70.0	28.4	642	1	14	0
337	25	72.6	30.1	897	0	10	0
338 Ph. lab	6	63.4	28.9	625	1	15	0
339	30	73.1	31.4	1022	0	16	0
350	15	70.4	30.2	941	0	19	0
351		69.8	27.6	702	1	17	0
4th Fl. Hallway	4	72.6	28.8	741	0	14	0
401	30	73.7	31.2	896	0	10	0
402 office	1	72.8	30.3	725	0	9	0
Guideline levels ASTH/AE/AHHA/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: A. Kelly

Date: 4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 5 of 12TIME 9:40LOCATION Stuyvesant H.S (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
403	30	73.1	27.9	896	0	11	0
404	25	72.8	29.8	822	0	13	0
405	30	73.7	30.4	944	0	10	0
407	25	74.1	31.6	863	0	12	0
411	30	74.2	30.4	984	1	11	0
413	30	73.8	31.6	1026	0	13	0
427	25	73.6	29.7	943	0	12	0
429	15	72.9	30.4	841	0	12	0
431	20	72.6	30.2	796	0	11	0
433	10	72.4	29.6	722	0	13	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. Alay Date: 4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 6 of 12TIME 10:10LOCATION Stuyvesant H.S (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature ("F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	VOCs (ppm)
435	10	70.5	28.6	642	0	12	0
436		71.2	27.2	625	0	11	0
437	15	72.7	28.5	746	0	11	0
439		71.6	27.8	705	0	10	0
440		70.2	28.2	712	0	10	0
5th fl. Hallway	30	73.4	29.4	917	1	12	0
Cafeteria	40	74.1	30.6	944	1	13	0
503	5	71.6	31.0	802	0	11	0
505		72.3	29.1	717	0	12	0
507	2	70.6	28.6	756	0	13	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: A. Aubrey Date: 4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 10:30

LOCATION Stuyvesant H.S (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup. (#)	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
511	10	72.6	28.6	726	0	13	0
513	15	73.4	29.2	844	0	11	0
525		71.2	28.0	703	0	10	0
6th fl. Hallway	10	73.1	30.2	809	1	12	0
6th fl. Gym	30	74.2	32.6	1058	1	14	0
601 office		73.6	29.6	742	0	12	0
615 library	25	73.7	31.8	976	1	11	0
627	30	73.6	32.4	942	0	13	0
629	30	72.8	32.6	1043	0	12	0
635	25	73.4	30.9	1071	0	10	0
Guideline levels ASHRAE/AHIA/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. [Signature] Date: 4/24/02

CITY_21MC100_002868289

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 10:55

LOCATION Stuyvesant H.S (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
636	30	72.6	30.6	836	0	11	0
638	30	73.1	30.2	1007	0	14	0
639	25	72.8	31.6	978	0	13	0
640	30	73.5	31.0	1014	0	14	0
Stair West side	2	73.7	28.4	605	1	12	0
7th floor hallway	6	72.8	29.7	748	1	12	0
701 office	1	73.6	29.9	713	0	13	0
702 office	1	72.7	30.1	724	0	10	0
703 lab		74.2	28.4	811	1	14	0
704 office		73.6	28.8	756	0	12	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. Adoy Date: 4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 11:20

LOCATION Stuyvesant HS (MATH) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
715	30	73.1	32.6	1126	0	13	0
717	30	72.6	30.8	1132	1	11	0
726 S.R	5	72.5	29.7	941	0	12	0
727 lab	25	73.4	30.0	976	0	15	0
736	30	73.8	31.4	1077	0	12	0
737	30	74.2	32.7	1047	0	10	0
738	25	73.3	30.8	965	1	11	0
739	30	74.6	31.5	1027	0	13	0
740	30	73.7	32.6	968	0	11	0
Stair West side		73.5	27.8	642	0	10	0
Guideline levels ASTRAE/AHIA/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. Holey

Date: 4/24/02

ATC ASSOCIATES, INC.

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TIME 11:45

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M47F) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
8th fl. Hallway	6	72.4	29.1	742	1	10	0
801 office	1	71.8	29.8	826	0	9	0
807 F. lab		73.7	28.6	675	1	14	0
804	25	72.9	31.4	925	0	12	0
826 s. cl.	2	71.9	30.1	706	0	10	0
827 G. L.	15	72.8	31.2	895	0	15	0
835	30	73.4	32.6	1025	0	12	0
836	30	74.5	30.9	1019	0	13	0
840	25	73.2	32.6	1033	1	12	0
Stair West side	1	73.2	27.4	615	0	10	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. Albany Date: 4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 11 of 12TIME 12:05
 LOCATION Stuyvesant H.S. (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature ("F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<u>9th Fl. Hallway</u>	<u>10</u>	<u>73.1</u>	<u>28.7</u>	<u>891</u>	<u>1</u>	<u>9</u>	<u>0</u>
<u>901 office</u>		<u>73.4</u>	<u>29.8</u>	<u>726</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>902</u>	<u>20</u>	<u>72.6</u>	<u>30.1</u>	<u>975</u>	<u>0</u>	<u>14</u>	<u>0</u>
<u>925 lab</u>	<u>15</u>	<u>73.7</u>	<u>28.6</u>	<u>844</u>	<u>1</u>	<u>15</u>	<u>0</u>
<u>926 s. C</u>	<u>5</u>	<u>72.5</u>	<u>29.9</u>	<u>720</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>935</u>	<u>25</u>	<u>73.8</u>	<u>30.2</u>	<u>876</u>	<u>0</u>	<u>13</u>	<u>0</u>
<u>936</u>	<u>30</u>	<u>74.2</u>	<u>32.6</u>	<u>992</u>	<u>0</u>	<u>14</u>	<u>0</u>
<u>938 s. R.</u>	<u>8</u>	<u>72.8</u>	<u>31.4</u>	<u>874</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>939</u>	<u>25</u>	<u>74.1</u>	<u>31.8</u>	<u>964</u>	<u>0</u>	<u>15</u>	<u>0</u>
<u>940</u>	<u>15</u>	<u>73.2</u>	<u>32.1</u>	<u>905</u>	<u>1</u>	<u>12</u>	<u>0</u>
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: 4/24/02

ATC ASSOCIATES, INC.

Page 12 of 12

TIME 12:30

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 4/24/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<u>10th fl. Hallway</u>	<u>10</u>	<u>73.2</u>	<u>27.0</u>	<u>843</u>	<u>1</u>	<u>10</u>	<u>0</u>
<u>1001</u>	<u>30</u>	<u>74.1</u>	<u>29.6</u>	<u>968</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>1004</u>	<u>30</u>	<u>72.8</u>	<u>30.5</u>	<u>1025</u>	<u>0</u>	<u>13</u>	<u>0</u>
<u>1006</u>	<u>30</u>	<u>73.8</u>	<u>31.2</u>	<u>1077</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>1007</u>	<u>25</u>	<u>74.2</u>	<u>30.4</u>	<u>1046</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>1009</u>	<u>25</u>	<u>74.0</u>	<u>30.8</u>	<u>995</u>	<u>0</u>	<u>14</u>	<u>0</u>
<u>1010</u>	<u>15</u>	<u>72.8</u>	<u>29.7</u>	<u>872</u>	<u>0</u>	<u>13</u>	<u>0</u>
<u>1017</u>		<u>73.1</u>	<u>28.4</u>	<u>745</u>	<u>0</u>	<u>14</u>	<u>0</u>
<u>1024</u>		<u>71.6</u>	<u>28.6</u>	<u>731</u>	<u>1</u>	<u>12</u>	<u>0</u>
<u>Outside</u>		<u>58.2</u>	<u>22.8</u>	<u>426</u>	<u>1</u>	<u>15</u>	<u>0</u>
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: 4/24/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION : STUYVESANT HIGH SCHOOL DATE 4/24/02 PROJECT NO. 15-19125-0246

RESPIRABLE PARTICULATES ($\mu\text{g} / \text{m}^3$)
In Rooms with portable HEPA air Purifier

Time / Location	Room 740	Room 638	Room 333	Room 327
7:50	7	9	8	7
8:55	10	12	12	9
10:10	12	14	13	11
11:20	11	15	12	12
12:35	12	14	13	11
13:20	12	13	13	11

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