

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 1 of 12TIME 8:00LOCATION Stuyvesant H.S. (M477) DATE 4/26/02 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>56.4</i>	<i>25.7</i>	<i>438</i>	<i>1</i>	<i>20</i>	<i>0</i>
<i>1st floor Hallway, North</i>	<i>4</i>	<i>68.4</i>	<i>28.2</i>	<i>480</i>	<i>1</i>	<i>10</i>	<i>0</i>
<i>Auditorium</i>		<i>68.7</i>	<i>30.0</i>	<i>448</i>	<i>1</i>	<i>12</i>	<i>0</i>
<i>1st fl. lobby</i>	<i>8</i>	<i>68.3</i>	<i>30.4</i>	<i>501</i>	<i>1</i>	<i>7</i>	<i>0</i>
<i>125</i>	<i>30</i>	<i>69.8</i>	<i>33.4</i>	<i>896</i>	<i>0</i>	<i>10</i>	<i>0</i>
<i>129</i>	<i>30</i>	<i>70.3</i>	<i>34.1</i>	<i>944</i>	<i>0</i>	<i>12</i>	<i>0</i>
<i>132</i>	<i>1</i>	<i>70.6</i>	<i>30.0</i>	<i>603</i>	<i>0</i>	<i>14</i>	<i>0</i>
<i>133</i>	<i>30</i>	<i>72.4</i>	<i>32.6</i>	<i>975</i>	<i>0</i>	<i>11</i>	<i>0</i>
<i>Hallway by 133</i>	<i>4</i>	<i>71.2</i>	<i>30.2</i>	<i>571</i>	<i>1</i>	<i>10</i>	<i>0</i>
<i>Stair West side</i>		<i>72.6</i>	<i>29.4</i>	<i>421</i>	<i>1</i>	<i>9</i>	<i>0</i>
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. A. Day Date: 4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 2 of 12TIME 8:30LOCATION Stuyvesant H.S (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature ("F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<i>2nd fl. lobby</i>	<i>5</i>	<i>70.8</i>	<i>30.2</i>	<i>583</i>	<i>1</i>	<i>9</i>	<i>0</i>
<i>213 m. office</i>		<i>71.6</i>	<i>30.6</i>	<i>571</i>	<i>0</i>	<i>8</i>	<i>0</i>
<i>211 G. office</i>	<i>2</i>	<i>72.2</i>	<i>31.8</i>	<i>679</i>	<i>0</i>	<i>10</i>	<i>0</i>
<i>260</i>		<i>70.2</i>	<i>30.1</i>	<i>542</i>	<i>1</i>	<i>12</i>	<i>0</i>
<i>229</i>	<i>30</i>	<i>71.4</i>	<i>32.7</i>	<i>897</i>	<i>0</i>	<i>12</i>	<i>0</i>
<i>231</i>	<i>25</i>	<i>72.6</i>	<i>32.4</i>	<i>926</i>	<i>0</i>	<i>10</i>	<i>0</i>
<i>233</i>	<i>25</i>	<i>73.5</i>	<i>33.6</i>	<i>936</i>	<i>0</i>	<i>11</i>	<i>0</i>
<i>235</i>	<i>30</i>	<i>73.2</i>	<i>34.5</i>	<i>985</i>	<i>0</i>	<i>11</i>	<i>0</i>
<i>236 Gd. office</i>	<i>2</i>	<i>71.6</i>	<i>31.9</i>	<i>598</i>	<i>0</i>	<i>9</i>	<i>0</i>
<i>237</i>	<i>30</i>	<i>72.8</i>	<i>32.8</i>	<i>942</i>	<i>0</i>	<i>12</i>	<i>0</i>
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. A. Long* Date: *4/26/02*

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 3 of 12TIME 8:55LOCATION Stuyvesant H.S. (M477) DATE 4/26/02 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	3	72.4	30.4	528	1	9	0
3rd fl. Gym	20	72.2	32.6	896	1	14	0
303	30	73.7	30.9	1025	0	11	0
305	30	73.9	32.7	986	0	12	0
307	25	72.6	32.5	874	0	11	0
313	30	74.1	33.4	1008	0	13	0
315	30	71.5	33.6	1017	0	12	0
327	25	73.6	31.2	736	1	11	0
329	20	72.8	31.8	742	0	12	0
333	30	71.8	32.7	896	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/m ³ 24-hour average	1 ppm

Comments: _____

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

Signature: _____

H. Abey

Date: _____

4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 4 of 12TIME 9:20LOCATION Stuyvesant H.S. (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
335	20	72.6	31.4	895	0	12	0
336 Ph. office		69.7	28.6	675	0	14	0
337	25	70.8	32.7	876	0	13	0
338 Ph. lab		68.6	29.7	642	1	14	0
339	25	72.5	30.6	904	0	11	0
350		70.4	28.2	636	1	16	0
351		69.6	28.6	674	0	17	0
4th fl. Hallway	5	71.5	30.3	726	0	12	0
401	30	72.7	32.6	968	0	13	0
402 office		72.8	32.4	745	0	11	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: _____

Date: 4/26/02

ATC ASSOCIATES, INC.

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INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
403	25	72.8	32.6	872	0	9	0
404	30	73.6	31.8	984	0	10	0
405		70.8	30.2	843	0	9	0
407		71.9	29.6	768	0	8	0
411	30	73.4	34.6	971	0	12	0
413	25	73.8	32.8	912	0	12	0
427		71.5	30.2	642	1	11	0
429	25	72.9	32.4	874	0	11	0
431		70.8	31.6	626	1	10	0
433	25	71.2	34.5	914	0	12	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: _____

Date: 4/26/02

ATC ASSOCIATES, INC.

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TIME 10:05

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
435	1	72.8	29.7	705	0	12	0
436		73.2	28.6	664	0	10	0
437	5	72.7	30.2	685	0	11	0
439		73.0	29.6	682	0	14	0
440		71.6	28.4	744	0	12	0
5th fl. Hallway	20	72.8	30.4	826	1	11	0
Cafeteria	30	73.1	29.6	864	1	12	0
503		70.8	28.9	642	0	13	0
505	2	71.4	30.4	705	0	14	0
507	4	72.0	31.6	712	0	11	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. A. Day Date: 4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 10:30

LOCATION Stuyvesant H.S (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
511	25	72.6	32.6	872	0	12	0
513	20	70.8	32.8	848	0	14	0
525		71.2	30.1	576	0	10	0
6th fl. Hallway	6	72.8	30.6	672	0	9	0
6th fl. Gym		73.4	28.7	687	1	11	0
601 office		72.6	27.6	603	0	10	0
615 library	10	73.8	30.8	784	1	9	0
627		70.2	30.0	741	0	8	0
629	3	70.4	29.8	794	0	10	0
635		71.2	29.2	684	0	9	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. Abay Date: 4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 10:50

LOCATION Stuyvesant H.S (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
636	30	73.4	34.6	896	0	12	0
638		70.2	30.1	715	0	9	0
639	25	72.6	33.7	864	0	11	0
640	20	72.8	32.6	870	0	14	0
Stair West side		73.1	28.0	516	1	3	0
7th floor Hallway	6	72.9	29.7	744	0	8	0
701 office	1	73.1	29.9	712	0	10	0
702 office		72.9	30.0	706	0	9	0
703 lab		73.6	29.4	765	1	10	0
704 office		72.4	30.2	840	0	11	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. [Signature] Date: 4/26/02

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ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 9 of 12TIME 11:15LOCATION Stuyvesant HS (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occupi	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
715	10	72.6	30.6	742	0	12	0
717		70.3	28.9	657	0	10	0
726 S.R	5	72.5	29.6	828	0	11	0
727 lab		72.9	27.7	684	1	14	0
736		70.8	29.6	712	0	13	0
737	20	73.1	32.6	974	0	12	0
738	15	72.4	32.1	873	0	14	0
739		69.8	29.7	728	0	12	0
740	20	70.2	32.9	926	0	10	0
Stair West side		70.6	27.4	562	1	11	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. Antony Date: 4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 10 of 12TIME 11:40LOCATION Stuyvesant H.S. (M477) DATE 4/26/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
<u>8th fl. Hallway</u>	<u>4</u>	<u>72.3</u>	<u>29.1</u>	<u>674</u>	<u>0</u>	<u>9</u>	<u>0</u>
<u>801 office</u>		<u>73.1</u>	<u>28.8</u>	<u>745</u>	<u>0</u>	<u>8</u>	<u>0</u>
<u>807 F. lab</u>		<u>71.8</u>	<u>28.6</u>	<u>767</u>	<u>1</u>	<u>12</u>	<u>0</u>
<u>804</u>	<u>20</u>	<u>72.6</u>	<u>30.2</u>	<u>898</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>826 s. cl.</u>	<u>25</u>	<u>73.2</u>	<u>31.4</u>	<u>890</u>	<u>0</u>	<u>13</u>	<u>0</u>
<u>827 G.L.</u>		<u>71.8</u>	<u>28.1</u>	<u>672</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>835</u>	<u>25</u>	<u>74.1</u>	<u>32.4</u>	<u>942</u>	<u>0</u>	<u>14</u>	<u>0</u>
<u>836</u>		<u>71.6</u>	<u>27.6</u>	<u>676</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>840</u>	<u>20</u>	<u>72.8</u>	<u>31.9</u>	<u>898</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>Stair West side</u>		<u>71.7</u>	<u>26.8</u>	<u>672</u>	<u>1</u>	<u>9</u>	<u>0</u>
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: H. A. Day Date: 4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 12:00

LOCATION Stuyvesant H.S. (M477) DATE 4/26/02 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>6</u>	<u>72.8</u>	<u>29.6</u>	<u>728</u>	<u>0</u>	<u>9</u>	<u>0</u>
<u>901 office</u>		<u>73.1</u>	<u>28.7</u>	<u>762</u>	<u>0</u>	<u>10</u>	<u>0</u>
<u>902</u>	<u>20</u>	<u>70.7</u>	<u>31.7</u>	<u>897</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>925 lab</u>		<u>72.4</u>	<u>28.6</u>	<u>745</u>	<u>1</u>	<u>15</u>	<u>0</u>
<u>926 s. C</u>	<u>4</u>	<u>73.1</u>	<u>29.5</u>	<u>841</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>935</u>	<u>25</u>	<u>72.6</u>	<u>31.7</u>	<u>936</u>	<u>1</u>	<u>13</u>	<u>0</u>
<u>936</u>		<u>73.4</u>	<u>28.6</u>	<u>830</u>	<u>0</u>	<u>10</u>	<u>0</u>
<u>938 s. R.</u>	<u>10</u>	<u>72.5</u>	<u>32.7</u>	<u>905</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>939</u>	<u>30</u>	<u>73.2</u>	<u>33.8</u>	<u>895</u>	<u>0</u>	<u>13</u>	<u>0</u>
<u>940</u>	<u>25</u>	<u>73.6</u>	<u>32.8</u>	<u>912</u>	<u>1</u>	<u>14</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. Arbery Date: 4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 12:25

LOCATION Stuyvesant H.S. (M477) DATE 4/26/02 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>8</u>	<u>73.6</u>	<u>29.4</u>	<u>745</u>	<u>0</u>	<u>11</u>	<u>0</u>
<u>1001</u>	<u>30</u>	<u>73.8</u>	<u>34.6</u>	<u>976</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>1004</u>	<u>30</u>	<u>73.7</u>	<u>33.8</u>	<u>1020</u>	<u>0</u>	<u>12</u>	<u>0</u>
<u>1006</u>	<u>25</u>	<u>72.8</u>	<u>34.4</u>	<u>1005</u>	<u>0</u>	<u>14</u>	<u>0</u>
<u>1007</u>	<u>25</u>	<u>73.4</u>	<u>34.2</u>	<u>996</u>	<u>0</u>	<u>13</u>	<u>0</u>
<u>1009</u>	<u>20</u>	<u>72.5</u>	<u>33.8</u>	<u>897</u>	<u>0</u>	<u>13</u>	<u>0</u>
<u>1010</u>	<u>15</u>	<u>72.7</u>	<u>32.7</u>	<u>842</u>	<u>0</u>	<u>15</u>	<u>0</u>
<u>1017</u>	<u>20</u>	<u>73.1</u>	<u>33.8</u>	<u>875</u>	<u>1</u>	<u>12</u>	<u>0</u>
<u>1024</u>	<u>7</u>	<u>72.7</u>	<u>29.6</u>	<u>740</u>	<u>1</u>	<u>12</u>	<u>0</u>
<u>Outside</u>		<u>56.1</u>	<u>26.7</u>	<u>372</u>	<u>1</u>	<u>18</u>	<u>0</u>
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. Adley Date: 4/26/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION : STUYVESANT HIGH SCHOOL DATE 4/26/02 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	8	8	9	8
8:55	12	9	14	11
10:05	10	10	13	13
11:15	10	12	13	12
12:15	12	10	12	11
13:15	11	11	13	12

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