

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 1 of 12

TIME 8:00

LOCATION Stuyvesant H.S. (M477) DATE 6/6/02 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>75.1</i>	<i>83.5</i>	<i>391</i>	<i>0</i>	<i>85</i>	<i>0</i>
<i>1st floor Hallway, North</i>	<i>8</i>	<i>71.7</i>	<i>59.6</i>	<i>448</i>	<i>0</i>	<i>34</i>	<i>0</i>
<i>Auditorium</i>	<i>2</i>	<i>70.2</i>	<i>58.9</i>	<i>451</i>	<i>0</i>	<i>35</i>	<i>0</i>
<i>1st fl. lobby</i>	<i>10</i>	<i>71.9</i>	<i>60.0</i>	<i>455</i>	<i>0</i>	<i>36</i>	<i>0</i>
<i>125</i>	<i>30</i>	<i>73.4</i>	<i>65.1</i>	<i>675</i>	<i>0</i>	<i>37</i>	<i>0</i>
<i>129</i>	<i>30</i>	<i>73.7</i>	<i>65.8</i>	<i>737</i>	<i>0</i>	<i>36</i>	<i>0</i>
<i>132</i>	<i>2</i>	<i>72.5</i>	<i>65.4</i>	<i>705</i>	<i>0</i>	<i>35</i>	<i>0</i>
<i>133</i>	<i>30</i>	<i>73.9</i>	<i>66.2</i>	<i>796</i>	<i>0</i>	<i>37</i>	<i>0</i>
<i>Hallway by 133</i>	<i>4</i>	<i>70.8</i>	<i>63.1</i>	<i>642</i>	<i>0</i>	<i>35</i>	<i>0</i>
<i>Stair West side</i>		<i>73.6</i>	<i>66.0</i>	<i>618</i>	<i>0</i>	<i>38</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. H. Long* Date: *6/6/02*

CITY_21MC100_002868838

ATC ASSOCIATES, INC.

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INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S (M477) DATE 6/6/02 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>4</u>	<u>71.3</u>	<u>65.2</u>	<u>615</u>	<u>0</u>	<u>36</u>	<u>0</u>
<u>213 m. office</u>		<u>71.6</u>	<u>64.8</u>	<u>635</u>	<u>0</u>	<u>34</u>	<u>0</u>
<u>211 G. office</u>	<u>3</u>	<u>72.8</u>	<u>65.1</u>	<u>748</u>	<u>0</u>	<u>34</u>	<u>0</u>
<u>260</u>		<u>73.0</u>	<u>64.7</u>	<u>715</u>	<u>0</u>	<u>36</u>	<u>0</u>
<u>229</u>	<u>30</u>	<u>73.2</u>	<u>66.3</u>	<u>872</u>	<u>0</u>	<u>35</u>	<u>0</u>
<u>231</u>	<u>30</u>	<u>73.4</u>	<u>66.7</u>	<u>836</u>	<u>0</u>	<u>38</u>	<u>0</u>
<u>233</u>	<u>25</u>	<u>72.9</u>	<u>64.5</u>	<u>811</u>	<u>0</u>	<u>40</u>	<u>0</u>
<u>235</u>	<u>30</u>	<u>74.0</u>	<u>65.8</u>	<u>866</u>	<u>0</u>	<u>36</u>	<u>0</u>
<u>236 Gd. office</u>	<u>1</u>	<u>72.6</u>	<u>64.2</u>	<u>721</u>	<u>0</u>	<u>34</u>	<u>0</u>
<u>237</u>	<u>30</u>	<u>73.2</u>	<u>65.6</u>	<u>846</u>	<u>0</u>	<u>37</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. A. Long Date: 6/6/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 3 of 12TIME 8:55LOCATION Stuyvesant H.S. (M477) DATE 6/6/02 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	4	72.6	66.8	742	0	35	0
3rd fl. Gym		75.9	70.2	975	1	43	0
303	30	73.7	66.5	1062	0	37	0
305	25	72.8	65.8	1014	0	36	0
307	30	73.5	66.4	1081	0	36	0
313	25	74.0	65.7	1022	0	34	0
315	30	73.7	65.9	1096	0	35	0
327	25	72.3	64.8	1075	0	36	0
329	30	72.9	66.2	1116	0	37	0
333	30	72.6	66.5	1125	0	36	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: 6/6/02

ATC ASSOCIATES, INC.

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TIME 9:20

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 6/6/02 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	73.1	68.2	1126	1	36	0
336 Ph. office		70.2	63.1	815	1	42	0
337	30	72.6	67.4	977	0	37	0
338 Ph. lab		70.3	61.5	803	1	43	0
339	25	71.9	64.7	846	0	36	0
350	15	71.4	63.5	832	0	39	0
351	20	72.0	64.7	896	1	40	0
4th fl. Hallway	2	72.2	63.1	769	0	34	0
401	25	73.1	64.5	988	0	36	0
402 office		72.9	62.9	811	0	36	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: 6/6/02

ATC ASSOCIATES, INC.

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TIME 9:45

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S (M477) DATE 6/6/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
403	15	71.9	67.8	827	0	33	0
404	20	72.3	68.2	885	0	35	0
405	10	74.5	67.9	841	0	36	0
407	30	73.1	67.4	1056	0	36	0
411	25	72.9	66.6	978	0	32	0
413	30	73.0	67.4	1079	0	36	0
427	15	71.8	66.5	786	0	34	0
429	25	72.6	66.9	942	0	35	0
431	30	72.9	66.8	1096	0	32	0
433	30	72.8	66.7	1132	0	32	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: 6/6/02

ATC ASSOCIATES, INC.

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TIME 10:10

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S (M47F) DATE 6/6/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
435	15	72.4	62.5	736	0	36	0
436	5	71.9	63.6	742	0	35	0
437		72.0	60.7	711	0	34	0
439		71.5	61.2	806	0	38	0
440		72.3	60.9	822	1	40	0
5th fl. hallway	40	71.8	63.4	1089	1	41	0
Cafeteria	60	72.0	64.2	1094	1	40	0
503	15	73.1	62.0	895	0	38	0
505	6	72.0	60.8	763	0	37	0
507		71.9	61.2	794	0	36	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: 6/6/02

CITY_21MC100_002868843

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 7 of 12TIME 10:35LOCATION Stuyvesant H.S (M4TH) DATE 6/6/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
511	20	72.6	67.2	896	0	37	0
513	25	73.5	66.4	922	0	36	0
525	30	73.7	66.2	1076	0	32	0
6th fl. Hallway	2	73.8	65.8	863	0	40	0
6th fl. Gym	30	74.1	67.5	1175	0	42	0
601 office		72.6	63.6	785	0	37	0
615 library	20	73.6	64.5	961	0	33	0
627	25	72.9	65.4	975	0	34	0
629	30	73.1	66.2	1118	0	33	0
635	30	73.4	67.3	1105	0	36	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: 6/6/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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TIME 11:00

LOCATION Stuyvesant H.S (M477) DATE 6/6/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	VOCs (ppm)
636	25	72.6	66.9	896	0	32	0
638	30	73.1	67.4	984	0	36	0
639	30	72.5	66.8	1073	0	37	0
640	30	73.4	65.9	1165	0	40	0
Stair West side		73.8	64.3	781	1	42	0
7th floor hallway	2	72.6	65.0	797	1	35	0
701 office	1	72.4	63.4	744	0	34	0
702 office	2	72.8	62.9	726	1	34	0
703 lab	1	73.1	63.6	765	1	38	0
704 office	2	72.6	62.7	733	0	36	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: He An Long Date: 6/6/02

CITY_21MC100_002868845

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 9 of 12TIME 11:25LOCATION Stuyvesant H.S (M477) DATE 6/6/02 PROJECT NO. 19125-0246

Location	Occup.	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
715	20	72.8	67.2	865	0	36	0
717	25	73.6	67.8	974	0	34	0
726 S.R	6	74.6	68.4	988	0	32	0
727 lab	25	74.8	67.5	842	1	39	0
736	30	72.5	67.4	1134	0	35	0
737	30	72.6	66.9	1165	0	33	0
738	30	73.5	67.4	1126	0	34	0
739	25	72.6	66.5	989	0	32	0
740	30	72.5	67.8	1096	0	32	0
Stair West side		73.9	66.9	845	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/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: 6/6/02

ATC ASSOCIATES, INC.

Page 10 of 12TIME 11:50

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M47E) DATE 6/6/02 PROJECT NO. 19/25-0246

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>6</u>	<u>72.6</u>	<u>65.2</u>	<u>762</u>	<u>0</u>	<u>28</u>	<u>0</u>
<u>801 office</u>	<u>1</u>	<u>73.4</u>	<u>63.6</u>	<u>736</u>	<u>0</u>	<u>26</u>	<u>0</u>
<u>807 F. lab</u>	<u>1</u>	<u>73.0</u>	<u>62.8</u>	<u>806</u>	<u>1</u>	<u>29</u>	<u>0</u>
<u>804</u>	<u>25</u>	<u>72.8</u>	<u>65.8</u>	<u>1072</u>	<u>1</u>	<u>26</u>	<u>0</u>
<u>826 s. cl.</u>	<u>5</u>	<u>73.6</u>	<u>65.6</u>	<u>1003</u>	<u>0</u>	<u>28</u>	<u>0</u>
<u>827 G.L.</u>	<u>25</u>	<u>73.4</u>	<u>64.9</u>	<u>1044</u>	<u>1</u>	<u>28</u>	<u>0</u>
<u>835</u>	<u>30</u>	<u>73.5</u>	<u>65.7</u>	<u>1175</u>	<u>0</u>	<u>27</u>	<u>0</u>
<u>836</u>	<u>30</u>	<u>72.6</u>	<u>63.9</u>	<u>1188</u>	<u>0</u>	<u>26</u>	<u>0</u>
<u>840</u>	<u>30</u>	<u>73.4</u>	<u>66.8</u>	<u>1192</u>	<u>0</u>	<u>29</u>	<u>0</u>
<u>Stair West side</u>		<u>72.5</u>	<u>66.2</u>	<u>705</u>	<u>1</u>	<u>30</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: _____

H. de Looij

Date: _____

6/6/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 11 of 12TIME 12:15LOCATION Stuyvesant H.S (M477) DATE 6/6/02 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>8</u>	<u>71.8</u>	<u>63.0</u>	<u>366</u>	<u>1</u>	<u>24</u>	<u>0</u>
<u>901 office</u>		<u>71.9</u>	<u>62.4</u>	<u>745</u>	<u>0</u>	<u>25</u>	<u>0</u>
<u>902</u>	<u>20</u>	<u>72.0</u>	<u>65.8</u>	<u>1048</u>	<u>1</u>	<u>27</u>	<u>0</u>
<u>925 lab</u>	<u>20</u>	<u>73.1</u>	<u>67.2</u>	<u>967</u>	<u>0</u>	<u>23</u>	<u>0</u>
<u>926 s. C</u>	<u>5</u>	<u>73.7</u>	<u>67.5</u>	<u>974</u>	<u>1</u>	<u>28</u>	<u>0</u>
<u>935</u>	<u>30</u>	<u>73.4</u>	<u>66.4</u>	<u>1136</u>	<u>1</u>	<u>26</u>	<u>0</u>
<u>936</u>	<u>30</u>	<u>73.6</u>	<u>65.9</u>	<u>1128</u>	<u>0</u>	<u>27</u>	<u>0</u>
<u>938 s. R.</u>	<u>4</u>	<u>74.5</u>	<u>68.2</u>	<u>1071</u>	<u>0</u>	<u>28</u>	<u>0</u>
<u>939</u>	<u>30</u>	<u>72.8</u>	<u>66.9</u>	<u>1185</u>	<u>0</u>	<u>28</u>	<u>0</u>
<u>940</u>	<u>30</u>	<u>73.2</u>	<u>67.1</u>	<u>1174</u>	<u>1</u>	<u>27</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: A. A. Long Date: 6/6/02

CITY_21MC100_002868848

ATC ASSOCIATES, INC.

Page 12 of 12TIME 12:45

INDOOR AIR QUALITY FIELD REPORT

LOCATION Stuyvesant H.S. (M477) DATE 6/6/02 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>71.2</u>	<u>65.2</u>	<u>936</u>	<u>1</u>	<u>23</u>	<u>0</u>
<u>1001</u>	<u>30</u>	<u>72.4</u>	<u>67.4</u>	<u>1186</u>	<u>0</u>	<u>24</u>	<u>0</u>
<u>1004</u>	<u>30</u>	<u>72.0</u>	<u>66.8</u>	<u>1164</u>	<u>0</u>	<u>24</u>	<u>0</u>
<u>1006</u>	<u>30</u>	<u>72.6</u>	<u>65.7</u>	<u>1173</u>	<u>0</u>	<u>23</u>	<u>0</u>
<u>1007</u>	<u>25</u>	<u>72.8</u>	<u>64.8</u>	<u>1180</u>	<u>0</u>	<u>22</u>	<u>0</u>
<u>1009</u>	<u>25</u>	<u>72.5</u>	<u>65.7</u>	<u>1112</u>	<u>1</u>	<u>22</u>	<u>0</u>
<u>1010</u>	<u>20</u>	<u>73.0</u>	<u>63.9</u>	<u>1126</u>	<u>1</u>	<u>24</u>	<u>0</u>
<u>1017</u>	<u>30</u>	<u>72.9</u>	<u>65.8</u>	<u>1136</u>	<u>0</u>	<u>25</u>	<u>0</u>
<u>1024</u>	<u>30</u>	<u>72.5</u>	<u>64.9</u>	<u>1139</u>	<u>1</u>	<u>26</u>	<u>0</u>
<u>Outside</u>		<u>77.6</u>	<u>80.3</u>	<u>396</u>	<u>1</u>	<u>48</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. H. Long

Date: _____

6/6/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

LOCATION : STUYVESANT HIGH SCHOOL DATE 6/6/02 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	31	33	32	31
8:55	37	37	36	36
10:00	38	37	37	36
11:00	31	36	35	34
12:00	29	31	30	29
13:05	25	26	27	24