

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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LOCATION Stuyvesant Hs DATE 10/12/01 PROJECT NO. 19125-0246

Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOC (ppm)
Outdoors	75.1	50.9	397	0.0	58	0.0
10th floor 1004	74.4	53.1	1550	0.0	45	0.0
1007	74.0	50.6	1035	0.0	38	0.0
Hellery by 1009	74.6	50.5	625	0.0	28	0.0
1017	71.5	51.4	647	0.0	38	0.0
1025	71.9	51.6	724	0.0	39	0.0
1024	72.6	52.9	942	0.0	41	0.0
1033	72.9	53.5	800	0.0	45	0.0
Hellery by W stair	73.0	52.9	640	0.0	40	0.0
Stair case W	73.2	52.7	632	0.0	42	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

Comments: _____

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

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
9th floor 939	73.4	55.2	960	0.0	39	0.0
940	73.6	56.0	1020	0.0	45	0.0
931	72.8	55.5	1045	0.0	42	0.0
Hallway 913	73.9	54.6	731	0.6	48	0.0
903	71.3	53.1	593	0.0	42	0.0
901	71.2	53.1	593	0.0	38	0.0
902	72.6	54.5	696	0.0	39	0.0
Hallway stair E	71.4	53.5	588	0.0	42	0.0
stair case E	71.3	52.6	542	0.0	45	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOC (ppm)
8th floor 803	73.3	53.7	581	0.0	40	0.0
809	73.0	54.3	592	0.0	37	0.0
811	72.7	54.0	620	0.0	41	0.0
Hallway by stairs	71.9	53.9	526	0.0	48	0.0
815	71.0	53.8	590	0.0	49	0.0
Hallway by 827	73.7	54.9	714	0.0	41	0.0
836	72.6	55.4	709	0.0	44	0.0
835	73.1	55.7	626	0.0	45	0.0
837	74.1	56.3	1245	0.0	48	0.0
839	75.8	54.9	1020	0.0	45	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOC (ppm)
7th floor 739	75.3	55.0	890	0.0	38	0.0
737	74.4	53.9	1899	0.0	46	0.0
736	74.3	53.8	1604	0.0	40	0.0
731	74.4	53.5	1045	0.0	28	0.0
Hallway by 727	74.2	51.8	642	0.0	48	0.0
715	74.0	51.6	624	0.0	35	0.0
Adly by stair E	72.5	51.6	546	0.0	41	0.0
701	72.1	51.6	524	0.0	38	0.0
704	71.9	52.1	555	0.0	37	0.0
stair case E	71.6	53.0	562	0.0	35	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOC (ppm)
6th floor 601	73.0	52.6	598	0.0	31	0.0
Hallway by Elevator door	72.5	52.9	562	0.0	35	0.0
Gym	72.6	53.0	595	0.0	31	0.0
Library	73.7	55.4	914	0.0	28	0.0
627	73.6	55.3	1094	0.0	33	0.0
627A	74.8	55.8	1201	0.0	35	0.0
636	74.4	54.5	945	0.0	40	0.0
629	74.6	54.5	817	0.0	29	0.0
638	74.8	55.6	645	0.0	36	0.0
639	74.6	52.5	726	0.0	30	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
5th floor Dining Room	71.2	54.2	494	0.0	43	0.0
Faculty Dining	71.4	55.2	604	0.0	39	0.0
525	72.4	58.6	723	0.0	35	0.0
Hallway by Asclator west side	73.5	56.8	674	0.0	44	0.0
518	73.4	56.6	1011	0.0	36	0.0
507	72.8	55.5	833	0.0	34	0.0
505	72.6	55.3	842	0.0	32	0.0
501	72.7	54.7	768	0.0	22	0.0
Locker area	73.8	58.2	732	0.0	41	0.0
by Elevator door	73.4	57.2	840	0.0	47	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOC (ppm)
4th floor 401	72.8	53.9	883	0.0	30	0.0
403	72.8	55.6	1019	0.0	45	0.0
407	72.9	56.4	1020	0.0	44	0.0
Hallway by escalator. East side	73.3	56.1	852	0.0	37	0.0
427	73.6	56.9	1340	0.0	34	0.0
431	73.3	56.5	1011	0.0	38	0.0
435	72.7	53.8	1145	0.0	38	0.0
446	72.2	53.9	1030	0.0	47	0.0
439	72.1	54.8	840	0.0	38	0.0
453	71.9	58.3	1205	0.0	38	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
3rd floor 351	72.2	55.5	880	0.0	29	0.0
337	71.9	56.9	942	0.0	50	0.0
333	71.4	55.3	890	0.0	39	0.0
327	71.9	57.4	1040	0.0	38	0.0
325	72.5	57.6	901	0.0	31	0.0
313	72.1	57.7	840	0.0	40	0.0
Gymnasium	74.5	58.6	520	0.0	34	0.0
307	74.2	57.5	940	0.0	24	0.0
303	74.4	61.0	1560	0.0	31	0.0
302	75.5	58.3	826	0.0	24	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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<u>2nd floor</u> <u>Hallway Bridge Entrance</u>	75.5	56.4	860	0.0	30	0.0
<u>213</u>	75.1	55.0	892	0.0	25	0.0
<u>260</u>	75.0	54.9	607	0.0	22	0.0
<u>Theater Balcony</u>	75.9	55.6	565	0.0	25	0.0
<u>229</u>	74.9	55.6	1099	0.0	35	0.0
<u>231</u>	74.4	55.3	801	0.0	41	0.0
<u>251</u>	73.3	54.5	659	0.0	32	0.0
<u>235</u>	73.8	54.6	809	0.0	38	0.0
<u>263</u>	74.1	54.4	714	0.0	30	0.0
<u>239</u>	74.6	55.8	850	0.0	28	0.0
Guideline levels ASHRAE/AIHA	69 - 76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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Location	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
1st floor 133	72.3	54.2	645	0.0	21	0.0
129	72.0	54.5	615	0.0	19	0.0
132	72.0	55.0	579	0.0	31	0.0
Theater	69.6	55.4	426	0.0	20	0.0
Main Entrance Lobby	70.5	57.1	481	0.0	22	0.0
107	71.5	57.4	588	0.0	18	0.0
105	71.9	57.8	649	0.0	21	0.0
103	72.4	58.5	640	0.0	24	0.0
102	72.8	58.8	637	0.0	24	0.0
Hallway by Back door of Theater	71.6	58.1	552	0.0	25	0.0
Guideline levels ASHRAE/AIHA	69-76°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	50 ug/m ³	1 ppm

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