

ATTACHMENT
IAQ FIELD DATA COLLECTION FORMS

ATC ASSOCIATES, INC. INDOOR AIR QUALITY FIELD REPORT

Page 1 of 14

Time: 10:45 LOCATION: 90 Trinity Place/HS for Leadership And Public Services DATE: 04/09/02 PROJECT NO:15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m³)	TVOCs (ppm)
MAIN ENTRANCE OUTSIDE		70.4	45.1	396	3	40	0
NORTH OF MAIN ENTRANCE		68.5	47.6	389	3	44	0
SOUTH OF MAIN ENTRANCE		68.7	47.8	386	2	46	0
14TH FLOOR Hallway Elev Aven		74.0	47.1	626	2	5	0
KITCHEN	2	75.3	49.3	948	2	4	0
CAFETERIA	55	75.0	47.5	842	2	5	0
14TH FLOOR - 13TH FLOOR STAIR CASE A	1	73.8	46.1	773	2	4	0
13TH FLOOR Hallway	1	73.2	45.1	625	2	2	0
LIBRARY 13TH FLOOR	16	73.6	44.1	545	2	6	0
STAIR CASE A TO 12TH FLOOR	6	73.8	45.0	652	2	4	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m³	1 ppm

Comments:

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

Signature: Prasad Doddapaneni/

Date: 04/09/02

ATC ASSOCIATES, INC. INDOOR AIR QUALITY FIELD REPORT

Page 2 of 14

Time: 10:55 LOCATION: 90 Trinity Place/HS for Leadership And Public Services DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
12 th Floor Hallway	1	73.9	46.1	629	2	3	0
Room # 1206	26	74.8	47.1	713	2	4	0
Room # 1203	2	74.7	45.1	937	2	3	0
Room # 1215	24	74.8	47.2	750	2	6	0
Hallway by Room # 1215		74.7	46.9	806	2	3	0
Stairwell B to 11 th Floor		75.0	44.7	698	2	5	0
Hallway By Room # 1115		74.5	44.1	623	2	3	0
Room # 1115	9	75.2	45.7	614	2	3	0
Room # 1109		75.2	46.0	850	2	4	0
Room # 1106	26	76.1	47.2	758	2	8	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/ PD Date: 04/09/02

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ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

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Time: 11:05 LOCATION: 90 Trinity Place/HS for Leadership And Public Services DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
STAIR CASE 'A' TO 10 th FL	2	75.5	44.6	761	2	4	0
Room # 1003	1	74.7	43.2	590	2	8	0
10 th FL Hallway Elev Area	0	74.8	43.5	652	2	6	0
Room # 1006	30	75.8	46.2	815	2	19	0
Room # 1005	8	75.8	45.0	715	2	33	0
Room # 1009	24	75.7	46.1	793	2	11	0
Hallway OUTSIDE 1009	2	75.7	46.6	896	2	8	0
Room # 1015	1	75.6	44.2	608	2	22	0
STAIRwell 'B' TO 9 th FL		75.2	43.5	601	2	10	0
Hallway By Room # 9115	0	75.0	42.6	512	2	4	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/ PLDate: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 4 of 14

Time: 11:15 LOCATION: 90 Trinity Place/HS for Leadership And Public Services DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m ³)	TVOCs (ppm)
Room # 905	28	75.8	45.8	935	2	4	0
Hallway Elev AREA 9th floor		75.7	44.7	690	2	3	0
STAIR CASE 'A' TO 8 th FL		75.6	44.2	725	2	6	0
Room # 805	16	75.2	43.9	569	2	6	0
Room # 809	24	75.5	45.4	892	2	6	0
Hallway B4 Room # 815	4	75.7	43.7	548	2	4	0
STAIR CASE 'B' TO 7 th floor		75.8	43.9	562	2	4	0
7 th floor Room # 715	4	75.5	43.1	544	2	3	0
Hallway OUTSIDE Room # 707	7	75.7	43.2	583	2	4	0
Room # 705	2	75.5	42.2	641	2	2	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/ *Pd* Date: 04/09/02

ATC ASSOCIATES, INC. INDOOR AIR QUALITY FIELD REPORT

Page 5 of 14

Time: 10:25 AM

LOCATION: 90 Trinity Place/HS for Leadership And Public Services

DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
COPY ROOM Room # 703	1	75.3	43.0	572	2	3	0
Room # 702	3	75.7	43.0	575	2	4	0
HALLWAY OUTSIDE #702	4	75.4	42.9	571	2	3	0
STAIRWELL 'A' TO 6 TH FL		75.9	43.3	650	2	5	0
6 TH FLOOR Hallway Elev Area.	3	75.5	43.5	671	2	4	0
Room # 611	3	75.3	42.7	617	2	2	0
Room # 609	2	75.1	42.7	638	2	2	0
Room # 615	2	75.2	43.3	620	2	3	0
Room # 608	3	76.2	43.7	622	2	4	0
Room # 610	1	76.5	44.1	658	2	4	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/

Date: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 6 of 14Time: 11:30 Am

LOCATION: 90 Trinity Place/HS for Leadership And Public Services

DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m ³)	TVOCs (ppm)
STAIRWELL B' 5 th FLOOR	3	75.8	42.9	670	2	4	0
Hallway OUTSIDE Room # 515	10	75.9	45.7	814	2	4	0
Room # 515	4	76.3	45.9	856	2	5	0
Room # 506	11	76.4	44.0	573	2	3	0
Room # 503		76.2	43.8	552	2	4	0
STAIRCASE A to 4 th Floor	6	75.8	43.8	535	2	13	0
Room # 403		75.6	43.6	519	2	2	0
Hallway OUTSIDE # 403	15	76.0	43.9	630	2	4	0
Room # 404	14	75.4	43.5	532	2	4	0
Room # 415	17	76.3	45.5	764	2	4	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/PADate: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 2 of 24

Time: 12:40 PM

LOCATION: 90 Trinity Place/HS for Leadership And Public Services

DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
MAIN ENTRANCE		72.2	48.0	392	3	54	0
NORTH OF MAIN ENTRANCE		70.9	48.8	375	2	45	0
SOUTH OF MAIN ENTRANCE		70.3	49.2	385	3	48	0
14th FLOOR Hallway Elevator lobby.	4	74.9	52.1	714	1	1	0
KITCHEN 14th Floor	2	75.6	51.4	968	1	5	0
CAFETERIA Room # 1406	80	77.4	52.4	1250	1	7	0
STAIRWELL 'A' TO 13th Floor.	4	74.9	45.1	661	2	5	0
Room # 1403	25	77.3	52.9	1410	2	5	0
Room # 1306	20	75.1	44.5	600	2	8	0
Hallway 13th floor.	10	75.0	43.1	610	1	8	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments:

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

Signature: Prasad Doddapaneni/ Pd

Date: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 9 of 14

Time: 12:55 LOCATION: 90 Trinity Place/HS for Leadership And Public Services DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (µg/m³)	TVOCs (ppm)
STAIRCASE TO 12 th floor	5	75.7	44.6	596	2	6	0
Room # 1203	1	75.6	45.9	788	2	5	0
Room # 1205	18	76.1	46.6	925	2	7	0
Hallway by Room #1203	6	75.4	46.1	822	2	9	0
STAIRWELL TO 11 th floor	10	77.2	47.3	924	2	8	0
Hallway by Elevators 12 th floor	15	77.2	46.6	870	2	7	0
Room # 1106	20	76.7	44.8	763	2	8	0
Room # 1109	2	76.1	43.4	616	2	6	0
Room # 1103	1	75.8	43.3	658	2	9	0
STAIRCASE TO 10 th floor	1	75.8	43.9	811	2	8	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 µg/m³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/

Date: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 10 of 14

Time: 1:15 LOCATION: 90 Trinity Place/HS for Leadership And Public Services DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
Hallway 10 th floor	2	76.0	44.8	635	2	12	0
Room # 1015	23	76.2	45.0	740	2	11	0
Room # 1005	10	76.7	46.2	861	2	20	0
STAIR CASE B TO 9 th floor	2	76.3	45.2	733	2	11	0
Hallway by Room # 1005	0	76.8	45.6	793	2	9	0
Room # 909	13	76.5	45.7	691	2	6	0
Room # 905	26	76.4	45.3	841	2	28	0
Hallway by Room # 905	3	76.5	43.1	587	2	9	0
STAIR CASE A TO 8 th floor	5	75.4	43.1	582	2	14	0
Hallway Elevator Area ^{8th FL}		75.2	43.3	588	2	6	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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Date: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 11 of 14Time: 1:30 PM

LOCATION: 90 Trinity Place/IIS for Leadership And Public Services

DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
Room # 805	29	75.4	43.1	587	2	7	0
Room # 809	27	75.2	42.8	592	2	7	0
Room # 815	26	76.9	46.6	1017	2	6	0
STAIR CASE TO 6 th FLOOR		76.8	45.7	872	2	7	0
Room # 715	3	76.2	43.5	642	2	5	0
Room # 711	3	76.5	43.4	603	2	6	0
Room # 705	2	76.5	42.8	581	2	5	0
STAIR CASE A TO 6 th FLOOR	2	76.6	43.7	634	2	6	0
Room # 703	1	77.1	43.2	625	2	4	0
Room # 702	4	77.7	44.0	754	2	5	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/Date: 04/09/02

ATC ASSOCIATES, INC. INDOOR AIR QUALITY FIELD REPORT

Page 2 of 14

Time: 3:35 PM

LOCATION: 90 Trinity Place/HS for Leadership And Public Services

DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
Hallway by Room # 603	16	77.0	44.4	830	2	6	0
Room # 604	1	77.5	45.2	762	2	4	0
Hallway by Room # 615	8	77.4	43.1	707	2	4	0
STAIR CASE TO 'B' 5th FL	1	76.9	42.7	679	2	5	0
Hallway by Room # 515	0	76.4	43.0	626	2	5	0
Room # 515	16	76.8	45.0	806	2	6	0
Room # 503	25	76.9	43.0	598	2	5	0
Hallway Elevator Area ^{5th floor}	0	77.0	43.7	604	2	5	0
STAIR CASE TO 4th Floor	1	76.7	43.1	547	2	4	0
Hallway by Room # 403	1	76.2	43.2	612	2	4	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/ PA

Date: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 13 of 14

Time: 1:40 PM

LOCATION: 90 Trinity Place/HS for Leadership And Public Services

DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulate (ug/m ³)	TVOCs (ppm)
Room # 404	26	77.3	44.9	717	2	5	0
Hallway by Room # 415		77.2	42.9	548	2	5	0
Hallway elevator Area 4th floor		77.4	44.1	584	2	5	0
Room # 315	17	77.5	44.8	694	2	5	0
Room # 309	21	77.4	45.7	799	2	5	0
STAIRCASE TO 3rd floor	1	76.8	42.8	553	2	5	0
Hallway By Room # 305	1	76.7	43.6	596	2	5	0
Hallway By Room # 306	2	77.4	45.3	789	2	5	0
STAIR CASE TO 2nd FLOOR	1	77.2	44.1	628	2	5	0
Room # 206		76.6	42.3	483	2	3	0
Guideline levels ASHRAE/AIHA		68 – 75°F/winter 73–78.5°F/summer	30–60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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

Signature: Prasad Doddapaneni/ Pd

Date: 04/09/02

ATC ASSOCIATES, INC.
INDOOR AIR QUALITY FIELD REPORT

Page 4 of 4Time: 1:50 PM LOCATION: 90 Trinity Place/HS for Leadership And Public Services

DATE: 04/09/02 PROJECT NO: 15-19125-0290

Location	Occupants	Temperature (°F)	Relative Humidity (%)	Carbon Dioxide (ppm)	Carbon Monoxide (ppm)	Respirable Particulates (ug/m ³)	TVOCs (ppm)
Hallway Elevator Area ^{2nd fl}		76.0	42.7	483	0	5	0
STAIRCASE TO 1ST FLOOR		76.6	42.4	479	0	6	0
1ST FLOOR ^{ELEVATOR} LOBBY		75.1	44.8	643	2	7	0
1ST FLOOR STAIRCASE A		75.7	43.8	648	1	5	0
STAIRWELL TO BASEMENT	1	75.9	43.7	652	2	6	0
Hallway OUTSIDE GYM	1	75.1	43.9	689	2	6	0
INSIDE GYM	14	76.1	48.4	834	2	6	0
MAIN ENTRANCE		71.5	44.4	412	3	36	0
NORTH OF MAIN ENTRANCE		73.4	44.2	417	3	39	0
SOUTH OF MAIN ENTRANCE		73.2	45.2	422	4	41	0
Guideline levels ASHRAE/AIHA		68 - 75°F/winter 73-78.5°F/summer	30-60%	Outdoor level + 700 ppm	9 ppm	65 ug/m ³	1 ppm

Comments: _____

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Signature: Prasad Doddapaneni/ PSDate: 04/09/02