

Colbert Elementary

IAQ Walkthrough 5/10/2005

0231

Outside Temp RH% CO2

FISH/Room	Participant Comments	Response	Recommendation	Responsible	Priority
<i>1031PK</i>	Temp <input type="text" value="69.2"/> RH% <input type="text" value="52.6"/> CO2 <input type="text" value="675"/>	Occupants: <input type="text"/>			
DRAIN TRAPS IN THE CLASSROOM					
	Water poured down floor drains once per week (approx. 1 quart of water).	It appears as though water is poured down the floor drain at least once a week.	None		
	Water run in sinks at least once per week (about 2 cups of water).	It appears as though sink is not utilized regularly. Sewer gas odor detected. By running water regularly it eliminates the potential for sewer gas odors.	None		
EXCESS MOISTURE IN CLASSROOMS					
	Classroom lavatories/water fountains free of leaks?	No leaks or signs of water intrusion identified.	None		
GENERAL CLEANLINESS					
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	There is minimal cleaning in this room..... never dusted or any surfaces wiped...	Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based 2
	Classroom is dusted/vacuumed thoroughly and regularly?	There is minimal cleaning in this room..... never dusted or any surfaces wiped...	Slight dust accumulation was observed on environmental surfaces at the time of assessment. Classroom very cluttered.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based 2
	Floor is cleaned on a regular basis?	There is minimal cleaning in this room..... never dusted or any surfaces wiped...	Dust and dirt accumulation on floor.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based 2
LOCAL EXHAUST FANS					
	Bathroom exhaust fan is functioning properly?	Bathroom exhaust fan is functioning properly.	None		
	My classroom has sufficient exhaust systems based on the activities/functionality of the room?	It appears that the ventilation system is adequate based on room activities.	None		
	Other exhaust fans that may exist in the classroom are functioning properly?	No exhaust fans in room. Identified in error.	None		
THERMAL COMFORT					
	Classroom is free of significant temperature shifts?	Temperature was low at the time of assessment.	Facilities serviceperson should monitor this room.	Site Based	2

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority	
119	Temp	73.7	RH% 48.1	CO2 439	Occupants:			
AIR CONDITIONING								
Windows/doors are operable and are kept closed?					Windows and doors are operable and are kept closed.	None		
GENERAL CLEANLINESS								
Classroom is dusted/vacuumed thoroughly and regularly?					Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
THERMAL COMFORT								
Room is free of the introduction of outdoor air? (Gaps in window/door frames.)					No gaps in windows or doors identified at the time of assessment.	None		
124	Temp	72.9	RH% 50	CO2 428	Occupants:			
AIR CONDITIONING								
Air flowing from air supply?					Air flowing without obstruction at the time of assessments.	None		
Air is flowing without obstruction?					Air flowing without obstruction at the time of assessments.	None		
Windows/doors are operable and are kept closed?					No windows in room.	None		
Walkthrough								
					Visible microbial growth on ceiling tile.	Physical Plant Operations to evaluate cause of microbial growth and repair and remediate as appropriate.	Physical Plant Operations	1
201	Temp	76.0	RH% 42.0	CO2 1588	Occupants:			
GENERAL CLEANLINESS								
Air supply/return registers are cleaned regularly and free of dust and debris accumulation?					Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Physical Plant Operations	2
Classroom is dusted/vacuumed thoroughly and regularly?					Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
THERMAL COMFORT								
Classroom is free of significant temperature shifts?					Temperature was acceptable at the time of assessment.	None		
Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)					Humidity was acceptable at the time of assessment.	None		

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority
201	Temp	<input type="text" value="76.0"/>	RH% <input type="text" value="42.0"/>	CO2 <input type="text" value="1588"/>	Occupants: <input type="text"/>		
	Room is usually comfortable? (If no, please explain in the notes below.)			Temperature was acceptable at the time of assessment.	None		
	Temperature in my classroom is generally comfortable (72F-76F)?			Temperature was acceptable at the time of assessment.	None		
203	Temp	<input type="text" value="75.7"/>	RH% <input type="text" value="43.0"/>	CO2 <input type="text" value="1556"/>	Occupants: <input type="text"/>		
	GENERAL CLEANLINESS						
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?			Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	Classroom is dusted/vacuumed thoroughly and regularly?			Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	THERMAL COMFORT						
	Classroom is free of significant temperature shifts?			Temperature was acceptable at the time of assessment.	None		
206	Temp	<input type="text" value="73.5"/>	RH% <input type="text" value="46.6"/>	CO2 <input type="text" value="1405"/>	Occupants: <input type="text"/>		
	EXCESS MOISTURE IN CLASSROOMS						
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?			Signs of water intrusion. Stained ceiling tiles.	Physical Plant Operations to evaluate for roof leaks and repair as appropriate.	Physical Plant Operations	1
	LOCAL EXHAUST FANS						
	Indoor classroom activities do not cause problems with excessive fumes? (If no, please explain in notes section)		I am not sure if my classroom has exhaust systems. I do not have a bathroom in my classroom. The students and I do not work on activities that produce fumes.	It appears that the ventilation system is adequate based on room activities.	None		
218	Temp	<input type="text" value="74.5"/>	RH% <input type="text" value="45.2"/>	CO2 <input type="text" value="1585"/>	Occupants: <input type="text"/>		
	AIR CONDITIONING						
	Room is free of smell of mold or mildew?			Odor detected at the time of assessment. Carpet stained and rippled.	Physical Plant Operations to evaluate cause of odor.	Physical Plant Operations	1
	ANIMALS IN THE CLASSROOM						
	Classroom is free of animals and pets?			No animals identified at the time of assessment.	None		

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority
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218

Temp RH% CO2

Occupants:

You are informed about the potential allergies of your students?

This is a general issue requiring approved communication among all stakeholders.

Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.

Site Based

3

DRAIN TRAPS IN THE CLASSROOM

Water poured down floor drains once per week (approx. 1 quart of water).

It appears as though water is poured down the floor drain at least once a week.

None

EXCESS MOISTURE IN CLASSROOMS

Area around and under classroom sinks free of leaks?

No leaks or signs of water intrusion identified.

None

Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?

No leaks or signs of water intrusion identified.

None

Indoor surfaces of exterior walls free of continuous condensation?

No condensation at the time of assessment.

None

Windows, windowsills and window frames free of continuous condensation?

No windows in room.

None

GENERAL CLEANLINESS

Room is free of pests?

No pests observed at the time of assessment.

None

THERMAL COMFORT

Classroom is free of significant temperature shifts?

temps change too often

Temperature was acceptable at the time of assessment.

None

Room is usually comfortable? (If no, please explain in the notes below.)

temps change too often

Elevated CO2

Physical Plant Operations to evaluate and repair as appropriate.

Physical Plant Operations

2

Temperature in my classroom is generally comfortable (72F-76F)?

temps change too often

Temperature was acceptable at the time of assessment. Occupant advised that temperature fluctuates.

Facilities serviceperson should monitor this room.

Site Based

2

304A

Temp RH% CO2

Occupants:

AIR CONDITIONING

Room is free of smell of mold or mildew?

Odor detected at the time of assessment.

Physical Plant Operations to evaluate cause of odor.

Physical Plant Operations

1

ANIMALS IN THE CLASSROOM

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority
304A	Temp	73.7	RH% 49.5	CO2 879	Occupants: <input type="text"/>		
	Activities and/or room conditions are modified to address student allergies?				This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site Based 3
	EXCESS MOISTURE IN CLASSROOMS						
	Windows, windowsills and window frames free of continuous condensation?				No windows in room.	None	
	GENERAL CLEANLINESS						
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?				The air conditioning system is so old. The filters is full of dust. I have several kids with bad allergies and the air conditioning system always causes them to have a reaction.	Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff. Site Based 2
	Classroom is dusted/vacuumed thoroughly and regularly?				The air conditioning system is so old. The filters is full of dust. I have several kids with bad allergies and the air conditioning system always causes them to have a reaction.	Dust and dirt accumulation on floor.	Site based administration should address general cleanliness with facility serviceperson staff. Site Based 2
	Classrooms general appearance is clean and acceptable?				The air conditioning system is so old. The filters is full of dust. I have several kids with bad allergies and the air conditioning system always causes them to have a reaction.	Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff. Site Based 2
	Floor is cleaned on a regular basis?				The air conditioning system is so old. The filters is full of dust. I have several kids with bad allergies and the air conditioning system always causes them to have a reaction.	Carpet was stained and torn.	Physical Plant Operations to evaluate and repair/replace as appropriate. Physical Plant Operations 2
	Room is free of pests?				The air conditioning system is so old. The filters is full of dust. I have several kids with bad allergies and the air conditioning system always causes them to have a reaction.	No pests observed at the time of assessment.	None
	LOCAL EXHAUST FANS						
	Bathroom exhaust fan is functioning properly?					Bathroom exhaust fan is functioning properly.	None
	Other exhaust fans that may exist in the classroom are functioning properly?					No exhaust fans in room. Identified in error.	None
	THERMAL COMFORT						
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)					Humidity was acceptable at the time of assessment.	None
	Room is usually comfortable? (If no, please explain in the notes below.)					Temperature was acceptable at the time of assessment.	None

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority
304A	Temp	<input type="text" value="73.7"/>	RH% <input type="text" value="49.5"/>	CO2 <input type="text" value="879"/>	Occupants: <input type="text"/>		
	Temperature in my classroom is generally comfortable (72F-76F)?			Temperature was acceptable at the time of assessment.	None		
307	Temp	<input type="text" value="73.1"/>	RH% <input type="text" value="50.5"/>	CO2 <input type="text" value="717"/>	Occupants: <input type="text"/>		
AIR CONDITIONING							
	Room is free of smell of mold or mildew?			Odor detected at the time of assessment.	Physical Plant Operations to evaluate cause of odor.	Physical Plant Operations	2
	Windows/doors are operable and are kept closed?			Windows and doors are operable and are kept closed.	None		
GENERAL CLEANLINESS							
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?			Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	Classroom is dusted/vacuumed thoroughly and regularly?			Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	Classrooms general appearance is clean and acceptable?			General cleanliness of the room at the time of assessment was not acceptable.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	Floor is cleaned on a regular basis?			Dust and dirt accumulation on floor.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	Room is free of pests?			No pests observed at the time of assessment.	None		
THERMAL COMFORT							
	Room is free of the introduction of outdoor air? (Gaps in window/door frames.)			No gaps in windows or doors identified at the time of assessment.	None		
501	Temp	<input type="text" value="73.5"/>	RH% <input type="text" value="59.6"/>	CO2 <input type="text" value="1004"/>	Occupants: <input type="text"/>		
AIR CONDITIONING							
	Room is free of smell of kitchen/food?		This is the cafeteria.		Cafeteria	None	
801	Temp	<input type="text" value="72.5"/>	RH% <input type="text" value="41.8"/>	CO2 <input type="text" value="973"/>	Occupants: <input type="text"/>		
ANIMALS IN THE CLASSROOM							
	Classroom is free of animals and pets?		In my classroom there is one aquarium with some tropical fish.		No animals identified at the time of assessment.	None	

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority
801	Temp	72.5	RH% 41.8	CO2 973	Occupants:		
DRAIN TRAPS IN THE CLASSROOM							
Water poured down floor drains once per week (approx. 1 quart of water).			Water is not poured down floor drain at least once a week.	Site based administration should address maintenance of drains with facility serviceperson staff.	Site Based		2
THERMAL COMFORT							
Classroom is free of significant temperature shifts?			Classroom temperature is regularly below 70 degrees.	Temperature was acceptable at the time of assessment.	None		
Room is usually comfortable? (If no, please explain in the notes below.)			Classroom temperature is regularly below 70 degrees.	Temperature was acceptable at the time of assessment.	None		
Temperature in my classroom is generally comfortable (72F-76F)?			Classroom temperature is regularly below 70 degrees.	Temperature was acceptable at the time of assessment.	None		
806	Temp	72.1	RH% 44.5	CO2 919	Occupants:		
ANIMALS IN THE CLASSROOM							
Activities and/or room conditions are modified to address student allergies?			This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site Based		3
GENERAL CLEANLINESS							
Air supply/return registers are cleaned regularly and free of dust and debris accumulation?			The only problem I have is the air condition which gets very cold.	Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
Classroom is dusted/vacuumed thoroughly and regularly?			The only problem I have is the air condition which gets very cold.	Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
THERMAL COMFORT							
Classroom is free of significant temperature shifts?			Thermostate located outside in air handler room so room temperature is not regulated properly.	Temperature was acceptable at the time of assessment.	None		
Room is usually comfortable? (If no, please explain in the notes below.)			Thermostate located outside in air handler room so room temperature is not regulated properly.	Temperature was acceptable at the time of assessment.	None		
Temperature in my classroom is generally comfortable (72F-76F)?			Thermostate located outside in air handler room so room temperature is not regulated properly.	Temperature was acceptable at the time of assessment.	None		

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority
810	Temp	68.2	RH% 45.6	CO2 926	Occupants:		
THERMAL COMFORT							
	Room is usually comfortable? (If no, please explain in the notes below.)	The air conditioner seems to break quite often.		Temperature was low at the time of assessment.	Facilities serviceperson should monitor this room.	Site Based	2
Walkthrough							
				Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
903	Temp	67.4	RH% 54.3	CO2 906	Occupants:		
ANIMALS IN THE CLASSROOM							
	You are informed about the potential allergies of your students?	What pets are allowed by the school board?		Turtle in aquarium	None		
EXCESS MOISTURE IN CLASSROOMS							
	Classroom lavatories/water fountains free of leaks?			Sink clogged	Site based administration should address maintenance of sinks with facility serviceperson staff.	Site Based	2
Walkthrough							
				Temperature was low at the time of assessment.	Facilities serviceperson should monitor this room.	Site Based	2
903P	Temp	70.3	RH% 38.8	CO2 1592	Occupants:		
ART SUPPLIES							
	Art supplies okay?			No art supplies in room. Room not being used as an art room.	None		
	Exposure minimized for art supplies?			No art supplies in room. Room not being used as an art room.	None		
	Exposure minimized for science supplies?			No science supplies in room. Room not being used as a science room.	None		
	Science supplies okay?			No science supplies in room. Room not being used as a science room.	None		
EXCESS MOISTURE IN CLASSROOMS							
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?			Signs of water intrusion. Stained ceiling tiles.	Physical Plant Operations to evaluate for leaks and repair as appropriate.	Physical Plant Operations	2
THERMAL COMFORT							
	Classroom is free of significant temperature shifts?			Temperature was low at the time of assessment.	Facilities serviceperson should monitor this room.	Site Based	2

FISH/Room	Participant Comments			Response	Recommendation	Responsible	Priority
903P	Temp	<input type="text" value="70.3"/>	RH% <input type="text" value="38.8"/>	CO2 <input type="text" value="1592"/>	Occupants: <input type="text"/>		
94N	Temp	<input type="text" value="78.6"/>	RH% <input type="text" value="40.4"/>	CO2 <input type="text" value="1255"/>	Occupants: <input type="text"/>		
AIR CONDITIONING							
	Room is free of smell of mold or mildew?			Odor detected at the time of assessment. Coils dirty	Physical Plant Operations to evaluate cause of odor.	Physical Plant Operations	2
ANIMALS IN THE CLASSROOM							
	Activities and/or room conditions are modified to address student allergies?			This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site Based	2
EXCESS MOISTURE IN CLASSROOMS							
	Cold water pipes free of continuous condensation?			No condensation on pipes at the time of assessment.	None		
	Indoor surfaces of exterior walls free of continuous condensation?			No condensation at the time of assessment.	None		
	Windows, windowsills and window frames free of continuous condensation?			No condensation on windows at the time of assessment.	None		
GENERAL CLEANLINESS							
	Classroom is dusted/vacuumed thoroughly and regularly?		With regards to question i, I have a carpet so that question does not necessarily apply to me.	Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	Classrooms general appearance is clean and acceptable?		With regards to question i, I have a carpet so that question does not necessarily apply to me.	General cleanliness of the room at the time of assessment was acceptable.	None		
	Floor is cleaned on a regular basis?		With regards to question i, I have a carpet so that question does not necessarily apply to me.	Carpet was stained.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
LOCAL EXHAUST FANS							
	Bathroom exhaust fan is functioning properly?			No bathroom. Identified in error.	None		
	Indoor classroom activities do not cause problems with excessive fumes? (If no, please explain in notes section)			It appears that the ventilation system is adequate based on room activities.	None		
	Other exhaust fans that may exist in the classroom are functioning properly?			No exhaust fans in room. Identified in error.	None		