

Harbordale Elementary

IAQ Walkthrough 5/17/2012

0491

Outside Temp RH% CO2

FISH/Room	Concern	Findings	Recommendation	Responsible	Priority
2009		Temp <input type="text" value="73.6"/> RH% <input type="text" value="56.6"/> CO2 <input type="text" value="731"/>			
	Classroom is dusted/vacuumed thoroughly and regularly?	No issues were identified at the time of the assessment.	None at this time.		
2020		Temp <input type="text" value="73.8"/> RH% <input type="text" value="56.8"/> CO2 <input type="text" value="722"/>			
	Classroom is free of significant temperature shifts?	No issues were identified at the time of the assessment.	None at this time.		
	Room is usually comfortable? (If no, please explain in the notes below.)	No issues were identified at the time of the assessment.	None at this time.		
	Temperature in my classroom is generally comfortable (72F-78F)?	No issues were identified at the time of the assessment.	None at this time.		
2021		Temp <input type="text"/> RH% <input type="text"/> CO2 <input type="text"/>			
	Activities and/or room conditions are modified to address student allergies?	No issues were identified at the time of the assessment. Mechanical Room	None at this time.		
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	No issues were identified at the time of the assessment.	None at this time.		
2109		Temp <input type="text" value="73.3"/> RH% <input type="text" value="61.3"/> CO2 <input type="text" value="1170"/>			
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?	No issues were identified at the time of the assessment.	None at this time.		

FISH/Room	Concern	Findings	Recommendation	Responsible	Priority
2109		Temp <input type="text" value="73.3"/> RH% <input type="text" value="61.3"/> CO2 <input type="text" value="1170"/>			
X		Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
X		CO2 was elevated at the time of the assessment.	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
505		Temp <input type="text" value="72.7"/> RH% <input type="text" value="67.6"/> CO2 <input type="text" value="480"/>			
	Other exhaust fans that may exist in the classroom are functioning properly?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of smell of mold or mildew?	No issues were identified at the time of the assessment.	None at this time.		
	Room is usually comfortable? (If no, please explain in the notes below.)	Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
505A		Temp <input type="text" value="71.7"/> RH% <input type="text" value="66.1"/> CO2 <input type="text" value="492"/>			
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust and debris on HVAC supply and/or return grills.	Clean HVAC supply and/or return grills with District approved germicidal cleaner	Site	2
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
	Room is free of smell of mold or mildew?	Odor detected at the time of the assessment	Evaluate for cause of odor and initiate repairs as necessary.	PPO	2
	Room is usually comfortable? (If no, please explain in the notes below.)	No issues were identified at the time of the assessment.	None at this time.		
	Temperature in my classroom is generally comfortable (72F-78F)?	No issues were identified at the time of the assessment.	None at this time.		

FISH/Room	Concern	Findings	Recommendation	Responsible	Priority
505A		Temp <input type="text" value="71.7"/> RH% <input type="text" value="66.1"/> CO2 <input type="text" value="492"/>			
	Windows, windowsills and window frames free of continuous condensation?	Signs of water intrusion identified - elevated moisture content - walls. Moisture detected behind bulletin board and frame surrounding window.	Evaluate for cause and repair as appropriate to eliminate water intrusion. Repair/replace wall or ceiling material as necessary.	PPO	1
507		Temp <input type="text" value="73.1"/> RH% <input type="text" value="66.8"/> CO2 <input type="text" value="517"/>			
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of smell of mold or mildew?	No issues were identified at the time of the assessment.	None at this time.		
	X	Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
801		Temp <input type="text" value="69.5"/> RH% <input type="text" value="61.8"/> CO2 <input type="text" value="537"/>			
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of smell of kitchen/food?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of smell of mold or mildew?	No issues were identified at the time of the assessment.	None at this time.		
	Trash is removed daily and trash bags are changed as appropriate?	No issues were identified at the time of the assessment.	None at this time.		
	Water poured down floor drains once per week (approx. 1 quart of water).	No issues were identified at the time of the assessment.	None at this time.		
	Water run in sinks at least once per week (about 2 cups of water).	No issues were identified at the time of the assessment.	None at this time.		

FISH/Room	Concern	Findings	Recommendation	Responsible	Priority
<i>801</i>		Temp <input type="text" value="69.5"/> RH% <input type="text" value="61.8"/> CO2 <input type="text" value="537"/>			
	X	Temperature was not within range at the time of the assessment.	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
	X	Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
<i>804</i>		Temp <input type="text" value="73"/> RH% <input type="text" value="61.5"/> CO2 <input type="text" value="1042"/>			
	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	3
	Area around and under classroom sinks free of leaks?	No issues were identified at the time of the assessment.	None at this time.		
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?	No issues were identified at the time of the assessment.	None at this time.		
	Floor is cleaned on a regular basis?	No issues were identified at the time of the assessment.	None at this time.		
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
	Indoor classroom activities do not cause problems with excessive fumes? (If no, please explain in notes section)	No issues were identified at the time of the assessment.	None at this time.		
	My classroom has sufficient exhaust systems based on the activities/functionality of the room?	No issues were identified at the time of the assessment.	None at this time.		
	Other exhaust fans that may exist in the classroom are functioning properly?	No issues were identified at the time of the assessment.	None at this time.		

FISH/Room	Concern	Findings	Recommendation	Responsible	Priority
<i>804</i>		Temp <input type="text" value="73"/> RH% <input type="text" value="61.5"/> CO2 <input type="text" value="1042"/>			
	Room is free of smell of mold or mildew?	No issues were identified at the time of the assessment.	None at this time.		
	Room is usually comfortable? (If no, please explain in the notes below.)	Environmental parameters were not within acceptable range at the time of the assessment.	See previous recommendation.		
<i>810</i>		Temp <input type="text" value="71.9"/> RH% <input type="text" value="70.7"/> CO2 <input type="text" value="912"/>			
	Classroom is dusted/vacuumed thoroughly and regularly?	No issues were identified at the time of the assessment.	None at this time.		
	Floor is cleaned on a regular basis?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of pests?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of smell of mold or mildew?	No issues were identified at the time of the assessment.	None at this time.		
	Windows, windowsills and window frames free of continuous condensation?	No issues were identified at the time of the assessment.	None at this time.		
	X	Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2
<i>811</i>		Temp <input type="text" value="71.8"/> RH% <input type="text" value="64"/> CO2 <input type="text" value="631"/>			
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	No issues were identified at the time of the assessment.	None at this time.		
	Temperature in my classroom is generally comfortable (72F-78F)?	Humidity was elevated at the time of the assessment	Evaluate HVAC for proper operation and repair as appropriate.	PPO	2

FISH/Room	Concern	Findings	Recommendation	Responsible	Priority
830		Temp <input type="text" value="75.7"/> RH% <input type="text" value="49.1"/> CO2 <input type="text" value="583"/>			
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?	Signs of water intrusion identified.	Evaluate for cause and repair as appropriate to eliminate water intrusion. Remove and replace stained ceiling tiles.	PPO	1
	Cold water pipes free of continuous condensation?	No issues were identified at the time of the assessment.	None at this time.		
	Indoor surfaces of exterior walls free of continuous condensation?	No issues were identified at the time of the assessment.	None at this time.		
	Windows, windowsills and window frames free of continuous condensation?	No issues were identified at the time of the assessment.	None at this time.		
833		Temp <input type="text" value="71.1"/> RH% <input type="text" value="46.7"/> CO2 <input type="text" value="991"/>			
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust and debris on HVAC supply and/or return grills.	Clean HVAC supply and/or return grills with District approved germicidal cleaner	Site	2
840		Temp <input type="text" value="72.1"/> RH% <input type="text" value="55"/> CO2 <input type="text" value="661"/>			
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust and debris on HVAC supply and/or return grills.	Clean HVAC supply and/or return grills with District approved germicidal cleaner	Site	2
	Classroom is free of significant temperature shifts?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of pests?	No issues were identified at the time of the assessment.	None at this time.		
	Room is free of smell of mold or mildew?	Odor detected at the time of the assessment Minor odor	Evaluate for cause of odor and initiate repairs as necessary.	PPO	2
	Room is free of the introduction of outdoor air? (Gaps in window/door frames.)	No issues were identified at the time of the assessment.	None at this time.		

FISH/Room	Concern	Findings	Recommendation	Responsible	Priority						
840	Temp	72.1	RH%	55	CO2	661	X	Flooring stained, torn or damaged.	Evaluate flooring and repair/replace as appropriate.	PPO	3