

Boyd Anderson High

Outdoor Parameter Measurements:

WalkthroughDate: 5/14/2004

Temp

RH

Co2

81

57%

220

| 109 | Category | Detail | Assessment Comments | Recommended Corrective Action |
|-----|-------------------------------|--|--|--|
| | Temp | RH | Co2 | |
| | General Classroom Information | | | Repair/replace vinyl base. |
| | Excess Moisture in Classrooms | Condensate (condensed water, or "fog") on cold surfaces. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Excess Moisture in Classrooms | Check for leaks or signs of moisture from plumbing or roofs. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | General Classroom Information | | Dirt on partition and vinyl base broken. | Custodial staff to clean partition and call in work order to repair vinyl base. |
| | General Classroom Information | | Broken wall plate. | Repair or replace wall plate. |
| | General Cleanliness | Confirm that the classroom is cleaned properly | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |
| | Thermal Comfort | Humidity level. | The humidity was 48% at the time of assessment. The desired humidity level is below 60%. | No corrective action recommended at this time. |
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | Check for unexplained odors. | No odors were detected at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s). | Return air grill is functioning properly. | No corrective action recommended at this time. |
| | Ventilation | Determine how your classroom is ventilated. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s). | Broken ceiling tiles by clock. | Replace ceiling tiles. |

| | <i>Category</i> | <i>Detail</i> | <i>Assessment Comments</i> | <i>Recommended Corrective Action</i> |
|------------|-------------------------------|--|--|--|
| 110 | 75.8 <i>Temp</i> | 45% <i>RH</i> | 500 <i>Co2</i> | |
| | General Classroom Information | | 0 occupants in classroom at time of assessment. | No corrective action recommended at this time. |
| | General Classroom Information | | Ceiling tiles need to be replaced. | Maintenance to inspect and repair as appropriate. |
| | General Classroom Information | | Drywall under computer counter on east wall requires repair. | Maintenance to inspect and repair as appropriate. |
| | General Classroom Information | | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |
| | Thermal Comfort | Humidity level. | The humidity was 45% at the time of assessment. The desired humidity level is below 60%. | No corrective action recommended at this time. |
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | Determine how your classroom is ventilated. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s). | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s). | Air supply vents need to be cleaned. | Custodial staff should clean and sanitize the air supply and return registers in this classroom. |
| 113 | 74 <i>Temp</i> | 50% <i>RH</i> | 500 <i>Co2</i> | |
| | Excess Moisture in Classrooms | Check for leaks or signs of moisture from plumbing or roofs. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Excess Moisture in Classrooms | Condensate (condensed water, or "fog") on cold surfaces. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | General Cleanliness | Confirm that the classroom is cleaned properly | General cleanliness appeared adequate on date of assessment. | No corrective action recommended at this time. |
| | Thermal Comfort | General items to watch for. | The humidity was 50% at the time of assessment. The desired humidity level is below 60%. | No corrective action recommended at this time. |

| | <i>Category</i> | <i>Detail</i> | <i>Assessment Comments</i> | <i>Recommended Corrective Action</i> | |
|------|-------------------------------|--|---|---|--|
| 138 | Ventilation | Determine how your classroom is ventilated. | There were no problems observed at time of assessment. | No corrective action recommended at this time. | |
| | | My room, a computer lab, is always freezing cold. There are signs of mold on the air vents and students spend a lot of time in this room and have constant upper respiratory problems. | | | |
| | | 72.1 | 51% | 620 | |
| | <i>Temp</i> | <i>RH</i> | <i>Co2</i> | | |
| 148H | Excess Moisture in Classrooms | Condensate (condensed water, or "fog") on cold surfaces. | There were no problems observed at time of assessment. | No corrective action recommended at this time. | |
| | General Classroom Information | | Ceiling is leaking. | Maintenance to inspect for roof leak and repair as appropriate and replace ceiling tiles. | |
| | General Classroom Information | | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. | |
| | General Cleanliness | Check for pests. | There were no problems observed at time of assessment. | No corrective action recommended at this time. | |
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. | No corrective action recommended at this time. | |
| | Thermal Comfort | Humidity level. | the humidity was 51% at the time of assessment. The desired humidity level is below 60%. | No corrective action recommended at this time. | |
| | Ventilation | Check for unexplained odors. | No odors were detected at time of assessment. | No corrective action recommended at this time. | |
| | Ventilation | Determine how your classroom is ventilated. | There were no problems observed at time of assessment. | No corrective action recommended at this time. | |
| | | | | | |
| | | 74 | 46% | 350 | |
| | <i>Temp</i> | <i>RH</i> | <i>Co2</i> | | |
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. Moisture identified in vents. | Maintenance to replace HVAC coil. | |
| | | | | | |

| | <i>Category</i> | <i>Detail</i> | <i>Assessment Comments</i> | <i>Recommended Corrective Action</i> |
|-------------|-------------------------------|--|--|--|
| 148J | 73.4 <i>Temp</i> | 45% <i>RH</i> | 330 <i>Co2</i> | |
| | Thermal Comfort | General items to watch for. | HVAC was bad at the time of the survey. Door sweep needed. | Coil was replaced by Maintenance. Install door sweep on outside corridor door. |
| | | Room is very cold. | | |
| 163 | 73.4 <i>Temp</i> | 55% <i>RH</i> | 420 <i>Co2</i> | |
| | Animals in the Classroom | Take special care with asthmatic or other sensitive students. | No animals in the classroom. However, excessive household cleaning products were found under sink. | Remove all non SBBC products. |
| | Drain Traps in the Classroom | Drain traps, if present, can become a problem when the water in the drain trap evaporates due to infrequent use, allowing sewer gases to enter the room. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Excess Moisture in Classrooms | Check for leaks or signs of moisture from plumbing or roofs. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Excess Moisture in Classrooms | Condensate (condensed water, or "fog") on cold surfaces. | Signs of moisture on wall next to emergency exit. Some ceiling tiles need to be replace. | Maintenance to inspect for leak and repair as appropriate and replace ceiling tiles. |
| | General Cleanliness | Clean spills promptly. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | General Cleanliness | Confirm that the classroom is cleaned properly | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |
| | Thermal Comfort | Humidity level. | the humidity was 55% at the time of assessment. The desired humidity level is below 60%. | No corrective action recommended at this time. |
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s). | Return air grill is functioning properly. | No corrective action recommended at this time. |
| | Ventilation | Check for unexplained odors. | No odors were detected at time of assessment. | No corrective action recommended at this time. |
| | | There seems to be one moist area in the classroom that causes the posters not to stick to the wall. Mold has ruined several books, folders, etc. | | |

| | <i>Category</i> | <i>Detail</i> | <i>Assessment Comments</i> | <i>Recommended Corrective Action</i> |
|------------|-------------------------------|--|--|---|
| 178 | 74.1 <i>Temp</i> | 45% <i>RH</i> | 710 <i>Co2</i> | |
| | General Classroom Information | | 0 occupants in classroom at time of assessment. | No corrective action recommended at this time. |
| | General Cleanliness | Check for pests. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | General Cleanliness | Confirm that the classroom is cleaned properly | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |
| | Thermal Comfort | Humidity level. | the humidity was 45% at the time of assessment. The desired humidity level is below 60%. | No corrective action recommended at this time. |
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | Check for unexplained odors. | No odors were detected at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | Determine how your classroom is ventilated. | Paint room to reduce dust. Window brace in hallway needs to be repaired. | Maintenance to inspect and repair as appropriate. |
| 188 | 71.7 <i>Temp</i> | 48% <i>RH</i> | 610 <i>Co2</i> | |
| | Dust Control | Vacuum dust from heating, cooling, and ventilation air return grilles and air supply vents periodically. | Dust accumulation was observed on environmental surfaces. WD40 found in room. | custodial staff should thoroughly clean all environmental surfaces within classroom. Remove WD40. |
| | | There is a lot of dust that accumulates on the floors and other surfaces monthly. | | |
| 211 | 73.9 <i>Temp</i> | 46% <i>RH</i> | 1120 <i>Co2</i> | |
| | General Classroom Information | | Ceiling tiles need replacement. | Install new ceiling tiles. |
| | General Classroom Information | | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |

| | <i>Category</i> | <i>Detail</i> | <i>Assessment Comments</i> | <i>Recommended Corrective Action</i> |
|------------|--|--|---|--|
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s). | Return air grill is functioning properly. | No corrective action recommended at this time. |
| | Ventilation | Determine how your classroom is ventilated. | Cardboard vent from cabinet needs to be removed and the cabinet needs to be removed from the doorway. | Maintenance to inspect and repair as appropriate. |
| | This corridor in general and my classroom in particular never get above 64 degrees. We are consistently told "we're working on it" or "nothing can be done". Hope you can help. We are very uncomfortable here. | | | |
| 232 | 75.9 | 43% | 510 | |
| | <i>Temp</i> | <i>RH</i> | <i>Co2</i> | |
| | Excess Moisture in Classrooms | Condensate (condensed water, or "fog") on cold surfaces. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | General Classroom Information | | 0 occupants in classroom at time of assessment. | No corrective action recommended at this time. |
| | General Classroom Information | | Ceiling tiles stained and/or missing around air vent. | Install new ceiling tiles. |
| | General Cleanliness | Confirm that the classroom is cleaned properly | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |
| | Thermal Comfort | General items to watch for. | Temperature was within acceptable range at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | Determine how your classroom is ventilated. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Our room is an open classroom and was recently tiled and fine dust was left everywhere. The room is still dusty and I don't believe the air vents were ever cleaned and most likely still has dust particles circulating in the air. | | | |
| 280 | 70 | 52% | 390 | |
| | <i>Temp</i> | <i>RH</i> | <i>Co2</i> | |
| | Animals in the Classroom | Take special care with asthmatic or other sensitive students. | No animals in the classroom. | No corrective action recommended at this time. |
| | Excess Moisture in Classrooms | Check for leaks or signs of moisture from plumbing or roofs. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | General Cleanliness | Confirm that the classroom is cleaned properly | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |

| <i>Category</i> | <i>Detail</i> | <i>Assessment Comments</i> | <i>Recommended Corrective Action</i> |
|--|--|---|--|
| Ventilation | Determine how your classroom is ventilated. | Area around supply air vents needs to be cleaned. | Custodial staff should clean and sanitize the air supply and return registers in this classroom. |
| 535 | 71.4 | 55% | 300 |
| | <i>Temp</i> | <i>RH</i> | <i>Co2</i> |
| | Health and Hygiene Education | Obtain Indoor Air Quality: An introduction for health professionals. | There were no problems observed at time of assessment. |
| Health and Hygiene Education | Inform students and staff about the importance of good hygiene in preventing the spread of airborne contagious diseases. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| Health and Hygiene Education | Provide information about IAQ and health. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| Health and Hygiene Education | Establish an information and counseling program regarding smoking. | Needs IAQ manual. | Contact EPA website www.epa.gov/iaq |
| Health Officer's Office | Ensure that the ventilation system is properly operating. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| Maintain Student Health Records | Include information about sensitivities to IAQ problems in student health records. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| Maintain Student Health Records | Track health-related complaints by students and staff. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| Maintain Student Health Records | Recognize indicators that health problems may be IAQ-related. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| 573 | The alarm system in the new building is a health hazard to our ears. | | |
| | 69.5 | 51% | 420 |
| | <i>Temp</i> | <i>RH</i> | <i>Co2</i> |
| General Cleanliness | Check for pests. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| Thermal Comfort | General items to watch for. | temperature was within acceptable range at time of assessment. Learning materials are stored in boxes. | Custodial staff to provide additional storage. |
| Rooms are usually too cold, with many students uncomfortable. Floors should be cleaned one a more regular basis. | | | |

| | <i>Category</i> | <i>Detail</i> | <i>Assessment Comments</i> | <i>Recommended Corrective Action</i> |
|----------------|--|--|---|---|
| 951 | 76 <i>Temp</i> | 44% <i>RH</i> | 302 <i>Co2</i> | |
| | Animals in the Classroom | Take special care with asthmatic or other sensitive students. | No animals in the classroom. | No corrective action recommended at this time. |
| | Excess Moisture in Classrooms | Condensate (condensed water, or "fog") on cold surfaces. | A/C units were recently replaced. Water comes in the room through A/C unit when it rains. | Maintenance to inspect and repair as appropriate. |
| | General Classroom Information | | 0 occupants in classroom at time of assessment. | No corrective action recommended at this time. |
| | General Classroom Information | | Door jam on south side of portable needs to be replaced. Rain gutter on east side of portable needs to be replaced. | Maintenance to inspect and repair as appropriate. |
| | Ventilation | If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s). | Air is flowing into the room from the air supply vents. | No corrective action recommended at this time. |
| | Ventilation | Determine how your classroom is ventilated. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | Ventilation | Check for unexplained odors. | Floors need to be better maintained. | Clean and sanitize flooring. |
| | When the A/C units are running there is a pungent odor that is noticeable when you enter the portable from outside. Parts of the carpeting have a very bad odor. Both of these problems are starting to effect the students. | | | |
| Bldg 99 | 77.4 <i>Temp</i> | 53% <i>RH</i> | 290 <i>Co2</i> | |
| | General Classroom Information | | Ceiling tiles stained. | Maintenance to inspect for roof leak and repair as appropriate and replace ceiling tiles. |
| | General Cleanliness | Check for pests. | There were no problems observed at time of assessment. | No corrective action recommended at this time. |
| | General Cleanliness | Confirm that the classroom is cleaned properly | Dust accumulation was observed on environmental surfaces. | Custodial staff should thoroughly clean all environmental surfaces within classroom. |
| | Ventilation | Check for unexplained odors. | No odors were detected at time of assessment. | No corrective action recommended at this time. |