



www.health-air.com

Environmental News & Notes



October, 2007

UPDATED healthAIR CONTACTS



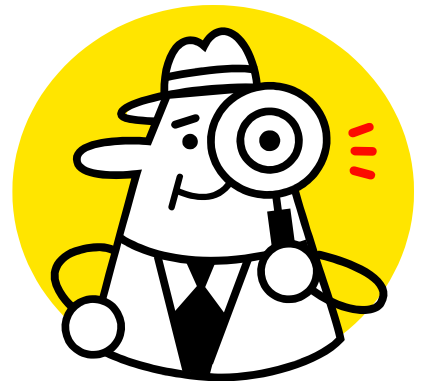
- Roosevelt Austin / (734) 576-0765
rosej@health-air.com
- Tony Bonini / (734) 578-1992
amb@health-air.com
- Matthew Brinsden / (734) 578-4308
mattb@health-air.com
- Daniel Chandler / (248) 635-4576
dan@health-air.com
- Justin Corwin / No Mobile
Justin@health-air.com
- Michael Daul / (517) 376-1799
mtd@health-air.com
- Jason Ferrall / (734) 578-1990
jf@health-air.com
- Jeff Heydanek / (734) 644-1296
jsh@health-air.com
- Eddie Kelly / (248) 635-4378
eddie@health-air.com
- John McDonald / (810) 923-2173
jm@health-air.com
- Brianna McGregor / No Mobile
bmg@health-air.com
- Henry Phillips / (248) 252-3618
hap@health-air.com
- Steve Roach / (734) 576-3056
slr@health-air.com
- Eric Seitter / No Mobile
eric@health-air.com
- Jenna Sendra / (734) 239-1424
jgs@health-air.com
- Scott Staber / (734) 644-0712
sps@health-air.com
- Kory Stevens / (734) 576-1887
kory@health-air.com
- Theresa Wandoff / (734) 644-0114
tew@health-air.com
- Dietrich Wollenhaupt / (517) 376-0103
dw@health-air.com

EPA - AHERA REVIEW COMING TO YOUR DISTRICT?



Two of healthAIR, inc.'s clients have recently been audited by the Pesticides and Toxic Enforcement Section of the Environmental Protection Agency, Region 5. These unsolicited inspections have resulted in citations and possible fines. According to the EPA, "The purpose of the inspection was to assess the facility's compliance with the requirements of the Asbestos-Containing Materials in Schools; Final Rule and Notice, 40 C.F.R. Part 763, Subpart E". In other words, the EPA conducted random building inspections and record keeping audits of all asbestos related records within these school districts. These audits were conducted with only one (1) week's notice. The auditors reviewed all aspects of the AHERA regulation which included specific attention to the items listed below.

- Designated Person - Not having one designated, properly trained or obtaining a signed responsibility statement by the current AHERA Designated Person.
- Operations & Maintenance Program - No documentation of having or using an O&M Program.
- Response Actions - Not having record keeping related to asbestos abatement projects, including worker accreditations, project designer accreditations, critical air sampling information, laboratory information and disposal information (plus much more).
- Training - No custodial and maintenance asbestos awareness training documentation or O&M training for employees who may come into contact with ACM.
- Building Inspections - Many record keeping components are required in a complete asbestos inspection report. Items are reviewed such as sufficient bulk sampling, properly separating homogenous areas, missing materials and accredited inspector information (to name a few).
- Re-inspections & Periodic Surveillances - All past and current 6-month periodic surveillance reports and 3-year re-inspection reports must be present.
- Annual Notifications - Not having past and current annual notifications to parents, teachers and employee organizations detailing the availability of asbestos management plans and the district's asbestos activities.
- Management Plans - Not having duplicate copies in the Administrative Building, not maintaining a current inspection following response actions and not having a "short-term" worker notification process are just a few items of concern.
- Warning Labels - Not having warning labels properly applied to asbestos-containing materials located in routine maintenance areas.



INSIDE THIS ISSUE

EPA - AHERA Audits	1
Project Profile - Mercury Flooring Removal	2
Project Profile - Infrared Electrical Inspections	3
Exclusionary Statements	3
MSBO Party Invitation Employee Spotlight	4

Hazardous Waste Management Services

"...when disturbed, can release mercury vapor in excess of the Permissible Exposure Limit"

Project Profile - Mercury-Containing Gym Floor Removal



Mercury-Containing Gym Floor Removal

healthAIR, inc.'s hazardous waste management staff recently designed and completed a project involving the safe

removal of over 8,000 sf of mercury-containing gymnasium flooring from a high school in Denver, Indiana. The project involved sampling, analysis, characterization, removal, transportation and disposal of the rubber-like vinyl

surface with was originally marketed under the brand names of "Tartan" or "Chemturf". Mercury was incorporated into the formulation of these products as a leveling agent that has caused these floors to become a health and safety/ environmental issue for many schools in recent years.

Removal of this flooring is a multi-step process, because they were "hot poured" over

concrete and tended to "meld" with the substrate, making complete removal difficult.

healthAIR, inc. erected critical barriers and utilized various air monitoring and ventilation methods during the scraping, grinding and removal of the surface which, when disturbed, can release mercury vapor in excess of the Permissible Exposure Limit (PEL). In addition to vapor control, healthAIR, inc. conducted extensive analytical testing of the material in order to determine if it had to be managed as a hazardous waste.

Although many floors exceed the threshold for toxicity and are considered hazardous, this particular floor was disposed of non-hazardous debris. Once all of the flooring had been removed, final clearance air sampling was conducted to ensure that no vapor was present while a flooring contractor be-

gan the installation of a new wood floor.

Because most of these 25-35 year old gym floors have reached their end of cycle, we expect to conduct more projects of this type. If your gymnasium contains this flooring and needs replacement, healthAIR, inc. would appreciate the opportunity to provide safe, environmentally compliant turn-key management of the removal phase. Please contact our Certified Hazardous Materials Managers for assistance with this very specialized service.



Mercury Vapor Monitoring

MSBO Facilities Directors Conference



Look for our 55 gallon drum of waste at the October 2007 MSBO Facilities Conference. healthAIR, inc. has an outdoor booth this year and will be hosting a MONDAY NIGHT FOOTBALL party with our co-hosts at Environmental Maintenance Engineers, Inc. Please look for Brianna and Kelly at the exhibit area for your invitation and party specifics.

Also look for our new free t-shirts that will be available at the conference.

For those of you interested in literature from healthAIR, inc. we will also have plenty of items for your leisure reading time.

VISIT OUR BOOTH



Consulting Services

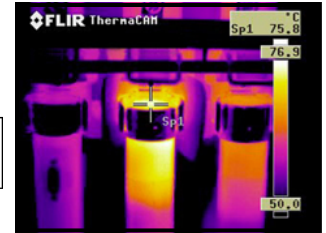
Project Profile - Infrared Electrical Inspections

Infrared Electrical Panel Surveys are useful tool for all building managers in terms of preventative maintenance controls and preventing potential fire hazards. The infrared (IR) camera utilizes the infrared light spectrum and can detect thermal differences in electrical panels (“hot spots”). These areas of higher temperature readings can be a useful tool in determining if there are loose

wire connections in an electrical panel, which could cause a short circuit or become a fire hazard as well as show the actual thermal gradient running through the electrical line to the circuit breaker which might be indicative of the electrical wire not of the proper gauge to handle higher electrical currents, especially during heavier electrical loading requirements. The IR camera can also determine if an

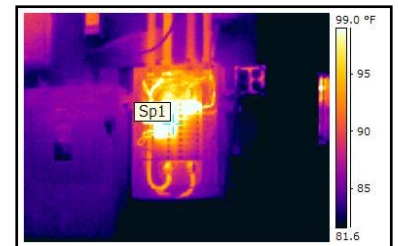
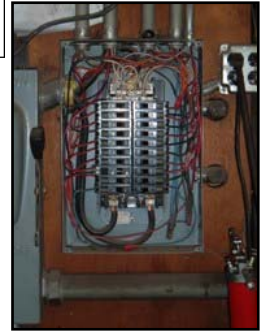
individual circuit breaker might have an electrical overload, which would cause a circuit breaker to trip and cause service interruptions in a building. This type of IR camera picture is essential for preventative maintenance. The circuit breaker can then be checked to determine if the breaker operating at prescribed electrical load.

Infrared Photo of Same Breaker Panel



Hot Fuse

Breaker Panel



AHERA Exclusionary Statement Guidance

Pursuant to 40 CFR 763.99 of the Asbestos-Containing Materials in School's Final Rule, local education agencies (school districts) may exempt certain school buildings from the inspection and re-inspection requirements by submitting an “exclusionary statement” in the proper form, to the appropriate EPA Regional Asbestos Coordinator. The purpose of such a statement is to declare, for the record, that the building is, or has become, “asbestos free.” Once such a statement has become properly executed, it must be incorporated and retained in the affected school's Asbestos Management Plan.

All exclusionary statements under AHERA must be submitted to the appropriate EPA Regional Office in order for the exclusion to be recognized. The original signed document is to be placed into the school's management plan, and a copy is to be sent to the appropriate EPA Regional Office (Region 5 for Michigan).

For new school buildings constructed after October 12, 1988, the procedures and requirements of 40 CFR 763.99 (a)(7) apply. Only a qualified person may sign the exclusionary statement (i.e., either a licensed architect or registered professional engineer who was personally responsible for the construction of the building, or an accredited asbestos inspector properly licensed by the State). The signed and dated document must include a statement that “no ACBM was specified as a building material in any construction document for the building, or, to the best of his or her knowledge, no ACBM was used as a building material for the building.”

For abatements or renovations that otherwise render a building asbestos-free, the procedures and requirements of 40 CFR 763.99(a)(3) apply. Only an accredited asbestos inspector properly licensed by the State may sign the exclusionary statement. The signed and dated document must include the inspector's State of accreditation and, if applicable, license number, and declare that “the homogenous or sampling area determined not to be ACBM was sampled in substantial compliance with 40 CFR 763.85(a).” This refers to the fact that, based on sampling records and inspection records, the accredited/licensed asbestos inspector has determined that no ACBM is present in the homogenous or sampling area and the records show that the area was sampled, before December 14, 1987, in substantial compliance with 40 CFR 763.85(a). This statement should be promptly submitted by the inspector to the LEA, for the LEA must then complete two subsequent actions within 30 days of the inspector's determination; (a) submit a copy of this signed and dated statement to the EPA, and (b) place the original of the signed and dated document into the management plan.

Upon receipt of a complete exclusionary statement, in the proper form, the EPA (Region 5) will reply with an acknowledgement letter that can then be incorporated into the school's management plan. If an incomplete submission is received, the EPA (Region 5) will contact the submitter and notify them of any missing items, but no acknowledgement letter will be issued.

www.health-air.com

23937 Research Drive
Farmington Hills, MI 48335

Phone: 248-426-0165
Fax: 248-427-0305
E-mail: sps@health-air.com



YOU'RE INVITED TO OUR PARTY - MSBO Facilities Directors Conf.



FREE T-SHIRTS available at the conference or call for yours.



healthAIR, inc. and Environmental Maintenance Engineers, Inc. cordially invite you for fun, food, drinks & MONDAY NIGHT FOOTBALL at the Annual MSBO Facilities Directors Conference & Expo. Please stop by and say Hi.

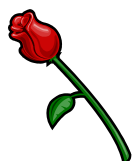
Date: Monday, October 1, 2007
Time: 8 p.m. - ???
Contact: Scott Staber - (734) 644-0712
Mike Kelly - (313) 475-4675



Employee Spotlight



Roosevelt "Rosey" Austin



Roosevelt "Rosey" Austin has been with healthAIR, inc. since 2000 and has played a critical role since the day

he began. Roosevelt is both a Michigan Accredited Asbestos Inspector and a Michigan Accredited Lead Inspector. Roosevelt has successfully conducted numerous asbestos & lead inspections in schools, homes and industrial settings. Roosevelt Austin is also one of healthAIR, inc.'s "Project Coordinators" and handles the environmental management and consulting oversight of large environmental/bond projects such as his involvement in the Utica Community Schools bond issue program.

Roosevelt Austin is not only a hard working consultant but a

well respected healthAIR employee throughout our client base.

Rosey grew up in Saginaw, Michigan, and was active in sports and community service. Rosey attended Albion College and received his bachelors degree from Oakland University in Industrial Hygiene. Please feel free to give Roosevelt a call if you need any information regarding healthAIR, inc.'s services.

