Nudura Fact Sheet

Trade Shows

CEFPI – www.cefpi.org (Regions/Chapters) Attendees of these conferences will be school facility managers and architectural firms.

SchoolDude.com – www.schooldude.com (Event Calendars)

School Board Associations – with any search engine, type in your state plus ASBO (i.e. Kentucky ASBO) to locate the association for your area. Architectural firms and construction companies that are involved with building schools will have exhibit booths at these shows. Attendees will be school board members, superintendents, and directors of finance.

National School Plant Management Association – www.nspma.com – The Conference Schedule is listed under the State Representative menu.

Points of Contact

1st contact – facility managers (ask them to give you the contacts they work with, such as building managers within the school district, architects, etc.)

2nd contact – Architectural firm

Key Selling Points

Energy Savings – Alvaton Elementary School had approximately a 30% annual savings. Due to the insulation factor of the Nudura ICFs, when used in combination with an R30 or better ceiling insulation, schools are able to reduce their HVAC equipment by 1 ton per classroom. Due to the data Mechanical Engineers have compiled, they are now looking at downsizing the HVAC systems during the design phase. (i.e. Locust Grove Elementary School, Crestwood, Kentucky).

Green Build – some states now require schools to be built either Energy Star or Silver LEED. This is the main reason why the Ohio schools are looking at Nudura.

Speed of Construction – The average completion time for Kentucky schools have finished approximately 3 months ahead of schedule. This Warren County Middle/High School (Bowling Green, Kentucky) is using Nudura ICFs for all load bearing walls so the building will be under roof much quicker so weather won't affect the work of the sub-trades.

Improves Building Efficiency – Nudura ICFs are braced on the inside of the wall, which allows other trades to immediately start work on the exterior. This reduces scheduling that would normally be required with traditional concrete block walls (i.e. insulation, vapor barrier, etc.), reduces construction clean-up and improves efficiency for the electrical and plumbing contractors.

Year-round construction – Contractors can continue building even in cold weather, where they cannot with traditional masonry. Due to the insulation factor with Nudura ICFs, the fuel costs for heating a building while under construction has been greatly reduced costs incurred with traditional building.

Durability/Storm Resistance – most schools have started constructing 2-3 interior rooms with Nudura ICFs to create a tornado shelter. The President of the National School Plant Management Association has noted this is now a key point in school construction.

Decreased Sound Levels – Since Nudura walls have an STC rating of 50 or better, the Warren County School District (Bowling Green, Kentucky) decided to build their corridor walls with Nudura ICFs as well as their exterior walls. This keeps hallway noise from entering the classrooms.

Air Quality – please see the attached Air Quality Indoor Testing report for the Alvaton Elementary School.

FAQs

How are you treating the finish on Nudura interior walls?

Classrooms and office space – Normal drywall is used; however, the amount of drywall used on exterior walls is minimal when you consider it is reduced by the square footage of two windows and tack board. This would normally only leave about 30% – 40% of the drywall exposed.

Gymnasiums – they are using impact drywall on the first 12' of the wall with an FRP board and above 12' they are using normal 5/8" drywall.

Do you have qualified installers for Nudura ICFs? We now have installers in many areas and some are willing to travel.

Does Nudura have all the required approvals for school construction and are there any other manufactures that have the same approvals? Yes, Nudura has all the required approvals and there are approximately 5 other manufactures approved (i.e. Eco Block, IntegraSpec – I normally give these two names to the architect because they are assembled block and it is easy to sell the installers on Nudura.)

INDOOR AIR QUALITY TESTING

FOR

WARREN COUNTRY BOARD OF EDUCATION

AT

ALVATON ELEMENTARY SCHOOL
6350 OLD SCOTTSVILLE ROAD
ALVATON, KENTUCKY, 42122

OCTOBER 31, 2006

ENVIRONMENTAL CONSULTANTS

ENVIRONMENTAL CONSULTING & TESTING INC.
2317 RUSSELLVILLE ROAD, SUITE #3
P. O. BOX 538
BOWLING GREEN, KY. 42102
PHONE 270-843-9933

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2317 Russellville Rd. #3 • P.O. Box 538 • Bowling Green, KY 42102-0538 • Ph. 270-843-9933 • Fax 270-843-9996
Email: ectinc@accessky.net

October 31, 2006

Mr. Robert Rogers
Warren Co. Board of Education
1022 West Main St.
Bowling Green, Ky. 42101

Reference: Mold & Particle testing @
Alvaton Elementary School
Alvaton, KY. 42122

Dear: Mr. Rogers

This letter is in response for the testing at the above referenced project. We appreciate the opportunity to assist you with this project. At the present time there are not any standards for indoor airborne fungal spores. The absence of any standard for indoor fungal spores increases the difficulty in evaluating exposes. Standard practice in the industry is to compare indoor samples to some background sample, typically a sample collected outdoors. Your inside sample should be less than your outside sample unless the outside sample is very low. And you should have the same kind of fungal spore identification on the inside that you have on your outside sample. This is the report of the findings for the testing that was performed on 10-25-2006.

A total of eleven (11) air samples where taken which are enclosed with the mold analysis report from PRO-LAB/SSPTM INC.

1. Pro-Lab number 103006-0520 an air sample taken outside at front entrance shows total results (Spores / M3) of 1,920.
2. Pro-Lab number 103006-0521 an air sample taken in Front Lobby shows total results (Spores / M3) of 680.
3. Pro-Lab number 103006-0522 an air sample taken in Cafeteria shows total results (Spores / M3) of 640.
4. Pro-Lab number 103006-0523 an air sample taken in Gym shows total results (Spores / M3) of 480.
5. Pro-Lab number 103006-0524 an air sample taken in Band Room shows total results (Spores / M3) of 640.
6. Pro-Lab number 103006-0525 an air sample taken in Room # 213 shows total results (Spores / M3) of 200.
7. Pro-Lab number 103006-0526 an air sample taken in Room # 203 shows total results (Spores / M3) of 80.
8. Pro-Lab number 103006-0527 an air sample taken in Room # 103 shows total results (Spores / M3) of 240.
9. Pro-Lab number 103006-0528 an air sample taken in Library shows total results (Spores / M3) of 320.
10. Pro-Lab number 103006-0529 an air sample taken in Room # 134 shows total results (Spores / M3) of 240.
11. Pro-Lab number 103006-0530 an air sample taken in Room # 244 shows total results (Spores / M3) of 80.

All of your samples that where taken inside of the school shows no elevated mold conditions at the present time.
Under comments on the reports, all of your debris readings where light except the one in the front Lobby which is moderate.

If you need anything else please call. Office 270-843-9933 or cell 270-991-MOLD (6653).

Thank You
Melvin Walker
Environment Consultant

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

September 19, 2007

Jay Wilson
Warren County Schools
1022 Main Street
Bowling Green, KY 42101

OFFICE OF
AIR AND RADIATION

Dear Jay Wilson:

Congratulations! You have earned the prestigious ENERGY STAR for Alvaton Elementary, #1 Robert Morgan Lane, Alvaton, KY.

The ENERGY STAR is the mark of superior energy performance and identifies your building as one the most efficient buildings in the nation. By taking this important step along the path to energy efficiency, you are not only saving money -- you are preventing the release of greenhouse gases and protecting the environment.

Enclosed are the ENERGY STAR plaque, your Statement of Energy Performance, and a certificate acknowledging your achievement. We encourage you to affix the plaque prominently on your building's exterior or in a frequently visited area of your building to demonstrate your environmental leadership and allow others to recognize the commitment you have made to superior energy performance.

Your facility is now listed as part of our list of labeled buildings on the ENERGY STAR website (www.energystar.gov/buildinglist). If you haven't already done so, we also request that you submit a profile and photo of your building as part of our on-line inventory. These building profiles are often used by the media and others to highlight our nation's leaders in energy efficiency. To learn more about submitting a profile, please visit www.energystar.gov/submitprofile.

Now that you have earned this prestigious designation, we hope you will proudly use the ENERGY STAR logo and promote your success in press releases, newsletters and other communications. For your reference, we have enclosed a template press release as well as ideas for promoting your ENERGY STAR label. For access to or information about the ENERGY STAR logo, please visit our logo use guidelines (www.energystar.gov/LogoUse). And don't forget, now is the perfect time to join ENERGY STAR as a partner, if you have not done so already.

Once again, we congratulate you for your commitment to energy efficiency. As you continue to maintain a high level of performance, we look forward to receiving your application for the ENERGY STAR label again next year!

Sincerely,

Jean M. Lupinacci

Jean M. Lupinacci
Director, Commercial & Industrial Branch
ENERGY STAR

CC: Douglas Hundley, Jr. - Building Sponsor
Enclosures:
(1) ENERGY STAR Plaque
(2) Certificate of Achievement
(3) Statement of Energy Performance