

FUTURE FOCUS

Future Environment Designs, Inc.

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Strive not to be a success, but rather to be of value.
 ~ Albert Einstein

References:

For this article, many of the references are very long. If you are interested in the references send us an email and we will forward you the references we used to write this article.

Special points of interest:

- We accept MasterCard, Visa, and American Express credit cards.
- Call us at (800) 969-3888 for your Safety Equipment & Supply needs.
- We are located at 6800 Jericho Turnpike, Suite 120W, Syosset, New York 11791.
- Visit our website at www.futureenv.com

PCBs In Building Materials.

Welcome to the autumn issue of Future Focus. October 5, 2008 is Future Environment Design's (FED) 20th year in business anniversary. It has been a long time and looking back it has been a long and mostly enjoyable ride. To celebrate this milestone and the upcoming holidays, FED will be joining Jazz 'n' Grape's wine tasting and jazz event on Saturday, November 22, 2008 from 6 pm till 9 pm. All of you are welcome to join us to taste some wines and listen to some jazz at Jazz 'n' Grape's store at 294 Main Street, Huntington, NY 11743. We hope you will join us to celebrate our 20th year and the upcoming holidays.

PCBs have been in the news this year (New York Daily News Article April 7, 2008 on New York City Board of Education testing), causing additional sampling requirements for schools planning new construction or renovations. In our blog dated March 3, 2008 and our Spring 2008 newsletter under "For Your Information" (visit our blog to access the PCB discussion and our website under newsletters for an archive of our newsletters) we discussed the NYS Education Department requirements regarding sampling caulk for PCBs. With all this attention to PCBs, it has us

asking what are PCBs and how dangerous are they? Well PCBs stand for polychlorinated biphenyls and they belong to a family of organic chemical compounds known as chlorinated hydrocarbons. As the name implies this compound consists of chlorine, carbon and hydrogen. In the environment PCBs



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take a long time to decompose and will bioaccumulate in the fatty tissue of animals and biomagnify in the food chain. In humans, PCBs have both acute (short term) and chronic (long term) effects. Short term effects include irritation to the eyes, nose, and throat, liver damage and in extreme cases death. Long term effect includes a probable carcinogen (skin and possibly liver), liver damage, reproductive problems, and severe acne like rash (chloracne), and damage to the nervous system. Because of these effects the primary United States (US) manufacturer

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FUTURE ENVIRONMENT DESIGNS PROJECT NEWS

OSHA 10 HOUR CONSTRUCTION SAFETY TRAINING COURSE FOR INSURANCE COOPERATIVE IN HARRISON

Future Environment Designs customized the Occupational Safety and Health Administration's (OSHA) 10 hour construction safety training course to meet the requirements of the new NYSDOL 220-h regulation. We customized the course to provide the workers with safety information they would need on the job. The topics were chosen based on the OSHA regulations the employer/employees were required to comply with.

OSHA HAZARD COMMUNICATION, BLOODBORNE PATHOGEN, RESPIRATORY PROTECTION, AND CONFINED SPACE ENTRY TRAINING FOR PUBLIC WORKS IN PLATTSBURGH

Future Environment Designs performed training in compliance with the Occupational Safety and Health Administration's (OSHA) safety regulations for general industry and NYS Department of Labor's safety regulations for public employees. We customized these courses to provide the workers with safety information they would need on the job.

INDOOR AIR QUALITY ASSESSMENT IN PLAINVIEW, LONG ISLAND

Future Environment Designs was hired to provide an indoor air quality assessment of a basement office in Plainview, Long Island. The assessment included a visual assessment and interviews of employees for impacts to air quality, mold air and carpet testing. Determined previous moisture intrusion and HVAC issues impacted the indoor air quality.

Reminders

- ◆ **We've been at 6800 Jericho Turnpike, Suite 120W, Syosset, New York for over a year now. Training classes being held in Syosset are located at this address.**
- ◆ **Visit our website at www.futureenv.com for the updated training calendar for 2008 under the training tab.**
- ◆ **You can access our blog at <http://futureenv.blogspot.com> or you can access it or sign-up for the blog or this newsletter at our website under the newsletter tab.**
- ◆ **Train online and take 5% off the course by entering the following code at checkout: NEWS06**
- ◆ **Advertise your business or job opening with an FED sponsorship. Visit our website under the training tab and click on "for information on becoming a training sponsor" for our brochure.**

PCBs In Building Materials.

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voluntarily stopped making PCBs in 1977. Environmental Protection Agency's (EPA) 1976 Toxic Substances Control Act (TSCA Public Law 94-469) prohibited any further manufacture of PCBs in the US. Since the manufacture of building products with PCBs was started in 1950 and ended in 1977. Buildings built between 1950 and 1977, inspectors should look for PCBs in filling material for joints of concrete structures, flame-retardant coatings on ceiling boards (or tiles), fluorescent light ballasts, coatings on furnishings, surface treatments for textiles, adhesives for waterproof wall coatings, paints, insulating materials, sealant putties, and large and small capacitors (found in appliances and electrical devices). If any of these building

materials contain greater than 50 parts per million (ppm) of PCB, they are regulated as a PCB containing material. This means EPA regulates the disposal of the building materials as hazardous wastes under 40 CFR 761. For proper disposal requirements we suggest contacting the EPA's Regional PCB Coordinator. In the US, the primary disposal method for PCBs is high-temperature incineration, which permanently eliminates the materials. PCBs join the list of compounds (asbestos, lead, mercury being the others) that building owners and their environmental consultants should determine if they are in building materials before purchasing or demolishing a building.

FUTURE ENVIRONMENT DESIGNS TRAINING SCHEDULE

November - FEBRUARY Courses (Location)	DATE
Visit our website for our current schedule at www.futureenv.com	
Asbestos Operations & Maintenance Initial (Bergen Point, Babylon)	Oct. 31 & Nov. 5
Asbestos Supervisor Initial (Long Island City) (8:00 AM - 4:00 PM)	Nov. 3 - 7
Asbestos Supervisor Refresher (Syosset)	Nov. 6
Asbestos O&M/Handler Refresher (Upton)	Nov. 10
Asbestos O&M/Handler Refresher (Syosset)	Nov. 12
Asbestos Inspector/Management Planner Refresher (Syosset)	Nov. 14
OSHA 10 Hour Construction Safety Course (Syosset) 7:30 AM - 7:00 PM	Nov. 15
OSHA 10 Hour Construction Safety Course (Syosset) 1 & 1/2 days	Nov. 17 & 24
OSHA 40 Hour Hazwoper Course (Long Island City) 8:00 AM - 4:00 PM	Nov. 17- 21
Asbestos Project Monitor Initial (Long Island City) 8:00 AM - 4:00 PM	Nov. 17 - 21
Asbestos Air Sample Technician/Project Monitor Refresher (Syosset)	Nov. 20
FED's 20th Anniversary Jazz & Wine Tasting at Jazz 'N' Grapes (Huntington) 6-9 PM	Nov. 22
Mold Investigation & Assessment Course (Syosset)	Dec. 1
Asbestos Inspector Initial (Syosset)	Dec. 3 - 5
OSHA 10 Hour Construction Safety Course (Syosset) 5:30 PM - 9:15 PM	Dec. 3 - 5
Asbestos Operations & Maintenance Initial (Syosset)	Dec. 10 - 11
Asbestos Supervisor Refresher (Syosset, NY)	Dec. 12
OSHA 10 Hour Construction Safety Course (Syosset) 7:30 AM - 7:00 PM	Dec. 13
Asbestos Inspector/Management Planner Refresher (Syosset)	Dec. 18
Happy Holidays and a Great New Year!	Dec. 24 - Jan. 2
Asbestos Inspector/Management Planner Refresher (Lake Success)	Jan. 6
Asbestos Project Designer Refresher (Syosset)	Jan. 7
OSHA 10 Hour Construction Safety Course (Syosset) 7:30 AM - 7:00 PM	Jan. 10
Asbestos Supervisor Refresher (Syosset)	Jan. 15
Asbestos Air Sample Technician/Project Monitor Refresher (Yaphank)	Jan. 20
Asbestos Supervisor Refresher (Syosset)	Feb. 4
Asbestos O&M/Handler Refresher (Upton)	Feb. 12
Asbestos O&M/Handler Refresher (Northport)	Feb. 18
Asbestos Inspector Refresher (Syosset)	Feb. 20
Mold Remediation (Syosset)	Feb. 25
OSHA 10 Hour Construction Safety Course (Syosset) 7:30 AM - 7:00 PM	Feb. 26



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Keeping Employees Safe

We're on the web
www.futureenv.com

FOR YOUR INFORMATION



Safety Suzy Says:

Lead poisoning happens when employees involved in demolition, salvage, removal, encapsulation, cleanup and renovation operations inhale lead dust and fumes. To avoid exposure OSHA recommends:

- ◆ Know the symptoms of lead exposure, such as

abdominal pain, headaches, and loss of motor coordination.

- ◆ Use PPE, such as gloves, nonpermeable clothing & approved respirators.
- ◆ Wash your hands & face thoroughly before eating.
- ◆ Never wear clothes & shoes, away from work, that were worn during periods of possible lead exposure.

OSHA Issues a Proposed Rule for Cranes and Derricks in Construction (visit OSHA's website at www.osha.gov for more information).

On October 9, 2008, OSHA published (Fed Register #: 73:59713-59954) proposed rules for Cranes and Derricks in Construction. Comments on the proposed rule must be submitted by December 8, 2008. Employers will be required to ensure the ground can support the hoisting equipment, assess hazards in the work zone, and ensure that the equipment is in safe operating condition and employees are trained to recognize hazards.

EPA Develops an Energy Star Indoor Air Package Label for New Homes (visit EPA's website at www.epa.gov for more information).

EPA created the Energy Star Indoor Air Package to help builders meet the growing consumer preference for homes with improved indoor air quality and energy efficiency. Forward-thinking builders can distinguish themselves by offering homes that have earned this advanced designation.