



The Mulvaney Pipeline

ASHRAE, NAHB, ICC develop new national green building standard

The National Association of Home Builders (NAHB), ASHRAE and the International Code Council (ICC) have agreed to jointly develop the 2015 edition of the ICC/ASHRAE 700 National Green Building Standard. This is the third edition of the standard and the first time that ASHRAE has partnered on its development.

"ASHRAE's participation is welcome news for the home building industry," said NAHB Chairman Kevin Kelly. "This cements the position of the National Green Building Standard as the preeminent green standard for residential construction."

"ASHRAE is pleased to stand beside NAHB and ICC as a co-sponsor of ICC/ASHRAE 700," ASHRAE President Bill Bahnfleth said. "This collaborative agreement provides a path forward for ASHRAE to contribute its technical and standards expertise to support one of the most important sectors of the built environment — our homes. We look forward to this joint effort to promote sustainability in the residential sector."

In 2007, NAHB and ICC convened a consensus committee of home builders, code officials, product manufacturers, building science and energy-efficiency specialists and governmental representatives to develop the standard. It was approved in 2009 by the American National Standards Institute (ANSI) as the first green standard for residential construction, development and remodeling.

Since then, the National Green Building Standard has helped define and advance sustainable home building, remodeling and development — a sector expected to represent as much as a third of the market by 2016.

Now known as the ICC 700 National Green Building Standard (NGBS), it was updated in 2012 by a subsequent consensus committee and again approved by ANSI. NGBS has been used to certify more than 32,000 single- and multifamily homes and residential developments for reaching its established benchmarks for energy, water and resource efficiency, indoor environmental quality, home owner education and site development.

It's good to know, but most don't.

- 75% of Americans who use Q-tips stick them in their ears, even though the box says not to.
- Farmers are more than twice as likely to die on the job as police officers.
- Poison dart frogs lose their toxicity in captivity.
- First airplane hijacking: a Pan Am mail plane in Peru (1931).
- Grape-Nuts cereal once claimed to "tighten loose teeth."
- Women tend to get the hiccups less often when they are pregnant.
- First sense to be affected by a lack of oxygen: sight.
- Research has shown that ginger is better than Dramamine in combating motion sickness.
- The design of Japanese pagodas naturally resists earthquake damage.
- Compared to intercity buses, charter buses have half the rate of accidents per mile.
- It takes an electrical current of only 0.07 amps to kill a person.
- The most common cause of death while on vacation: heart attack, and it usually strikes within the first couple days of the vacation.
- The average speed of a driver passing through an intersection is over 50 mph.
- As little as 20 mg of cocaine can cause sudden cardiac death.
- The TV remote controls in hospital rooms are worse carriers of bacteria than toilet handles.
- The Bell 222 helicopter used on The Airwolf TV series was later used as an air-rescue ambulance.
- How far must you walk to burn off the calories in a Double Whopper w/Cheese? 10 miles.
- Worldwide, each year, an estimated 1.2 million people are killed in vehicle crashes and as many as 50 million are injured. Projections indicate that the figures above will increase by about 65% over the next 20 years unless there is new commitment to prevention.
- Daytime running headlights are mandatory in Canada.
- History's deadliest avalanche wiped out Yungay, Peru, in 1970 killing 20,000.
- People with mental illness tend to dream less.
- Each year about 450 men die from breast cancer.
- What's your bilateral vomitiation center? The part of your brain that tells you when to barf.
- Signs that say "Not Responsible for Your Car or Its Contents" have no legal standing in court.
- Potatoes, tomatoes, and green peppers all contain nicotine.
- What's bromidrosiphobia? Fear of your own body odor. Average sufferer: male, age 25.
- Frozen vegetables can have more nutritional value than week-old "fresh" veggies.
- Doctors once tested for diabetes by tasting the patient's urine for sweetness.
- Eucalyptus trees can explode in forest fires. (Eucalyptus oil is highly flammable.)

Air ain't free... When you compress it!

MYTH: Compressed air is free.

FACT: Compressed air is usually your most expensive utility. It takes 8 hp of electricity to produce 1 hp worth of work with compressed air.

MYTH: Leaks don't really amount to much.

FACT: In many plants, compressed air leaks may represent the single largest consumption. Plants with no effective compressed air leak management program lose, on average, 30% to 50% of their compressed air production to leaks.

MYTH: The system may be leaking some air, but it doesn't cost much.

FACT: An air system with 200 hp of air compressor power typically has the equivalent of about 60 hp in leaks. At \$.10 per kWh, this costs over \$44,000/year in wasted electrical energy.

The truth is, leaks in any piping system usually wastes big money. This is especially true of compressed gases such as argon, nitrogen and oxygen. Leaks in fuel gas systems such as acetylene, LPG, LNG, hydrogen, etc. add the specter of real danger to simple economics losses. It pays to invest in good control of leaks.

Ductless AC systems come of age in commercial settings

Ductless air conditioning has become an indispensable piece of equipment when solving problem cooling jobs. If you have an office that normally shuts down at the close of day but you have a couple people working the accounting department... ductless air conditioning is your answer. If you have a high heat room that needs an AC boost, ductless air conditioning may be for you. These units have been utilized in many building retrofits where small commercial offices require cooling but the building does not lend itself to installing ducting. These units have opened a wide range of older historic buildings to retrofit as modern offices.

Many homeowners with a single central air system have a difficult time when balancing AC flows between upper floors and the main level. These ductless units may just add the boost you need to save you money when running your main AC units.

Mobil App now available for CPVC installation

The Lubrizol Corporation's CPVC mobile app is a handy, useful jobsite resource for building and construction professionals. Previously available for the Apple iPhone and iPad, the app is now also available for free download on Android devices.

Lubrizol CPVC designed the app to provide easy access to valuable information and tools about Lubrizol CPVC's trusted brands, including FlowGuard Gold Pipe & Fittings, BlazeMaster Fire Sprinkler Systems and Corzan Piping Systems.

The mobile app features the Lubrizol CPVC FBC System Compatible product finder, a tool that helps identify the chemical compatibility between Lubrizol CPVC piping systems and other common construction materials. This tool supports project success, taking the guesswork out of chemical compatibility.



WHAT THE HECK IS IT?

If you can name the item pictured, you may

WIN A MULVANEY MECHANICAL LEATHER JACKET

If you e-mail your entry, you must write "NEWSLETTER CONTEST" in the subject line to avoid our SPAM filter.

Please mail to janette@mulvaneyinc.com

If multiple correct answers are received, a winner will be selected at random.

***JUST LIKE THIS ONE!**



This item is one of the earliest sliced bread toaster. It utilized an open fire to toast each side of the bread by rotating the bread using the attached pivot handle. The advent of electricity marked this toaster for obsolescence.

We received 2 correct answers

Richard Mawhinney of Trumbul, CT and Joseph L. Furmanis from AutomatedLogic. The winner of the jacket will be picked at random.

We invite all readers to enter and share a guess. You may win!

WHAT'S GOIN' ON?

May 12-13 th	OSEO 2014 Road Show	Mohegan Sun, CT
May 29 th	Ct CI Design & Trades Conference	Hartford, CT
Jun 5 th	CT Business Expo	Hartford, CT
Jun 19 th	Construction Institute Annual Dinner	Plantsville, CT
Jun 22 nd -24 th	BOMA Building Conference & Expo	Orlando, FL
Jun 28 th -Jul 2 nd	ASHRAE Annual Conference & EXPO	Seattle, WA
Sep 17 th -19 th	IFMA Annual Conference and Expo	New Orleans, LA

"The most perfect political community is one in which the middle class is in control, and outnumbers both of the other classes".
Aristotle

"Should any political party attempt to abolish social security, unemployment insurance, and eliminate labor laws and farm programs, you would not hear of that party again in our political history".
Dwight D. Eisenhower



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