

Renee Franz

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Project Integration, Inc.

PI Elements

Project Integration, Inc. Newsletter

September, 2011

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We at Project Integration, Inc. hopes this finds all of you well. We hope that everyone has had a safe and enjoyable summer. If you are like us, then you are looking forward to the cool, crisp mornings of Fall.

We would like to welcome two new employees to Project Integration. Tonya Duren is our new administrative assistant and Dale Hyatt is our new CAD Designer.

Below you will find some exciting news from us along with Upcoming Events that hopefully some of you will be able to attend.

As always, we strive to keep you informed about company news and upcoming events.

News Flash

Going Green Can Be Dangerous

Building and maintaining solar panels and wind turbines can be hazardous, and industry watchdogs worry that the push for more green energy places more workers and bystanders in harm's way. In the last decade, accidents involving wind turbines alone have tripled, and while the number of solar incidents is harder to gauge, most industry workers say it is rising.

Both the solar and wind industries are constructing safety recommendations to curtail the number of accidents, and state and federal agencies are also taking steps to improve safety and boost enforcement of regulations.

For further information on this subject please visit the below link:

<http://articles.latimes.com/2011/aug/03/business/la-fi-green-safety-20110803>

EPA Air Emissions

The Environmental Protection Agency recently published its proposed emissions rules for natural gas exploration and hydraulic fracturing, which targets volatile organic compounds and other emissions from fracking operations. Oil and natural gas drillers and other stakeholders will be given a 60-day comment period wherein they can assess the proposed regulation.

<http://www.gpo.gov/fdsys/pkg/FR-2011-08-23/pdf/2011-19899.pdf>

NIST Issues Report on Developing Measurement Technology to Quantify GHG Emissions

A new report sponsored by the National Institute of Standards and Technology (NIST) addresses the technology and measurement science challenges in monitoring greenhouse gases. In the report, greenhouse gas experts discuss and identify, in detail, areas of opportunity for technology development and improvement. Copies of the report and additional materials from the workshop can be found at:

<http://events.energetics.com/NISTScripps2010/downloads.html>

Fracturing

The hydraulic fracturing technology driving a nationwide natural gas boom isn't inherently threatening to water supplies as some critics say, but poor well construction and older wells likely have contaminated aquifers and the industry must better control air emissions, a government panel says.

In a report released today, Energy Secretary Steven Chu's Shale Gas Advisory Board says natural gas has great potential to meet a growing proportion of the country's energy demands, but that the industry must take action on some immediate environmental concerns.

For the complete article regarding Fracturing please follow the below link:

<http://www.chron.com/business/energy/article/Fracturing-panel-looks-at-emissions-wells-age-2079353.php>

→ Upcoming Events

The Glass Association of North America (GANA) will have its 2011 Fall Technical Conference at the Crowne Plaza Hotel in Kansas City, Missouri. On Monday October 17th, John Sudnick and Bud Strobe will be presenting a technical paper titled Flat Glass Coating Emission Control System - A Case History. Go to <http://www.glasswebsite.com> for additional information.

The Carolinas Air Pollution Control Association (CAPCA) will have its Fall Conference at the Myrtle Beach Hilton in Myrtle Beach, SC from October 19th through 21st. Please visit Project Integration at our booth. Go to <http://www.capca-carolinas.org> for additional information.



Glove Kit

Glove kits including rubber insulated gloves, leather protectors and glove bag. 100% Natural rubber w/smooth finish. Rubber gloves are tested and date stamped before they leave the factory.

Once in use, gloves should be inspected daily and should be retested by a laboratory every 6 months. Class 0 up to 1000 volts. Meet OSHA 1910.137 & 1910.268 and ASTM D120. Length 11".

Available in Black.

Project Integration is a distributor for Oberon Arc Flash PPE. Our folks have

been wearing Oberon PPE for several years and now we are proud to bring you this state of the art PPE. Oberon makes the highest quality and most comfortable PPE available. The Oberon PPE is higher quality, better fitting and longer wearing than standard types and there are multiple types of fabric available depending on the user's requirements. All of our folks wear the Oberon Arc X IFR (inherently Fire Retardant) fabric because of its light weight, long wear, superior fit and comfort It has a higher initial cost than entry level treated cotton; however; its superior wear factor alone make it more economical than treated cotton for the serious user. Please contact one of our associates if you would like to learn more or visit our website www.pintegration.com

→ A Celebrity Among Us



In the July/August edition of the IEEE Transactions on Industry Applications, our very own Ken Jones co-authored an article along with Mr. Mike Lang and

Mr. Thomas Neal. The article is entitled "Impact of Arc Flash Events With Outward Convective Flows on Worker Protection Strategies" This

article was written to show that engineering solutions are available to improve protection of workers from arc flash hazards. You can follow the below link to read an abstract portion, or if you are an IEEE member, feel free to log in and read the entire article.

http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5770212

→ Expanding Arc Flash Hazard Analysis & Training Capabilities

Project Integration has recently partnered with Jim Phillips of T2G Technical Training Group to enhance and expand PI's arc flash hazard analysis and training capabilities. Ken Jones and Jim Phillips are co-chairman of the IEEE 1584.1 subcommittee and have co-authored the IEEE P1584.1 "Guide for the Specification of Scope and Deliverable Requirements for an Arc-Flash Hazard Calculation Study in Accordance with IEEE Std 1584" which is currently in 1st ballot review and will hopefully be approved soon. Please visit Jim Phillip's global forum website www.arcflashforum.com for information and interesting discussions on arc flash and electrical safety.



If you have any suggestions for articles or any questions, please don't hesitate to contact us.

Sincerely,

Renee Franz

Tonya Duren
Project Integration, Inc.

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