

The PE 100+ Association Newsletter, July 2012

Use of HDPE for Power Plant Piping Systems :

The nuclear power industry is showing an increasing interest in using the high-performance lightweight HDPE pipe in new installations and also as a viable replacement option for traditional underground steel piping in existing electric-generating facilities.

PE100+ Association is supporting these approaches to the use of HDPE materials of highest quality level.

A two-day seminar, took place in Gloucester, England, UK, 8-10, May 2012. The seminar was sponsored by ASME, PPI, and EDF-Energy and took place at one EDF Energy Nuclear Power Station where HDPE pipework has been installed in safety related cooling water systems . It was led by 14 experts, to share insights and best practice installations of high-density polyethylene (HDPE) piping in nuclear power plants, including testing, repair, maintenance, as well as a Regulatory Perspective provided by the Office for Nuclear Regulations (ONR).

PE 100+ association contributed with 3 papers, one by D. Walton – Borouge, and two by U. Schulte - LyondellBasell who discussed the essential importance of engineering support and quality requirements for the piping material.



Despite the recent setback of nuclear power these power plants are still playing an important role in the energy concept of countries such as the United States, France and the UK.

An essential part of the plants is the supply of cooling water. Until recently pipes made from carbonized steel were used for this application. However, these are experiencing heavy attack by corrosion leading to early failures. In 3 single examples (2 plants in the US and one in UK) the superiority of HDPE pipes could be proven.

The picture on the left is an illustration of fouling of carbon steel piping.

The program and speaker listing are posted on ASME website at <http://events.asme.org/HDPEEurope>

Plastic Pipes XVI Conference, September 24-26th 2012

In a few months, the XVI Plastic Pipe Conference will open in Barcelona. Organisation is well underway, the provisional program is available on the conference website and more than two hundreds of delegates are already registred.

TEPPFA has joined again the PPCA organizing team and this event will see an increased number of participants and papers from outside Europe, including America, Middle East, and Asia.




Click here to see the program

Click here for online registration

Plastic Pipes XVI XVI International Plastic Pipes Conference
Barcelona, Spain

September 24-26, 2012
Venue: Hotel Arts Barcelona
www.ppxvi.org

We already have more than 200 registrants

Join them today at our standard rate of 1180 euro, which includes the full 3 day program with all the papers on stick, all the lunches, welcome reception and gala diner.

Almost 450 attendees from 40 countries expected.

You will have the opportunity to review

- Newest developments
- Growth market segments, game changers and latest market trends
- Possible impacts on plastics industry over next few years
- Innovative pipe system solutions for a more sustainable world
- Latest equipment and production techniques

Venue: Hotel Arts Barcelona
Marina 19-21, Barcelona, Spain
www.hotelartsbarcelona.com

Network directly with

- The world business and technical experts in the plastic pipes industry
- All leading plastic pipe suppliers, producers and users

Keynote Presentations

- **The CO2 impact of plastic piping systems**
Zoran DAVIDOVSKI
- **Challenging installation of large diameter HDPE pipe by directional drilling provides a comprehensive water management solution and an improved environmental outcome**
Predrag MICIC
- **Best Environmental Practice PVC pipes and fittings for the Green Building Industry**
George MACOVEZ
- **An Assessment of the Competitiveness of PVC Piping Systems – The Total Cost of Ownership Approach**
Alessandro MARANGONI
- **The Water for The World™ initiative: Reflection on 5 years of experience**
Jane TOOGOOD

You will want to attend this event because

- Plastic Pipes Conference is a unique and global event for exchange of technology between major suppliers, producers and end-users
- Top world experts will deliver 100 relevant presentations over 20 sessions
- More than 400 participants will attend from all continents of the world

Contact: ppxvifcongress.hu

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BARCELONA 2012

117 presentations coming from 22 countries, and covering a wide range of subjects from new materials and applications, network management, case studies, testing and many other fields will be presented during the 3 days conference in two parallel sessions.

This is **the** conference of plastic pipes industries and a well expected event to remain abreast of new developments, studies and opportunities.

We invite all interested persons to register to the conference, which is expected to gather 450 delegates.

The link to web site is : <http://www.ppxvi.org/index.php>

In case of questions about this newsletter, please contact the Communication Manager
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