

KWD-globalpipe – We've got news for pipes and fittings in heating & plumbing systems

Publisher:

KWD-globalpipe publishing house,
Dipl.-Ing. Jutta Hix – Editor in Chief
Luisenstraße 6, D-58332 Schwelm
hix@kwd-online.de, www.kwd-globalpipe.com



Contents of KWD-globalpipe 2010-370:

3. World Record 1 of German SKZ and P.E.S. /Iran: PE Pipe / 1,6m Ø / width of 140 mm assembled.....
4. World Record 2 of German SKZ and P.E.S. /Iran: 2400 mm Ø solid-wall PE-pipe.....

World Record 1 of German SKZ and P.E.S. /Iran: PE Pipe / 1,6m Ø / width of 140 mm assembled



KWD-globalpipe, 27.10.2010. (PE pipes) Int. cooperation makes world-record possible: **P.E.S., an Iranian pipe manufacturer**, managed to set a world record in cooperation with **German SKZ**.

Staff members of P.E.S. extruded a pipe with **140 mm width and a diameter of 1,60 m**. This is required to build a 30 km long off-shore **fresh water pipe** exposed to an enormous pressure.

It was a challenging **goal for the SKZ experts to enable these huge pipe parts to be welded**, as up to now it has only been possible to weld pipes up to a maximum width of 70 mm. Specially developed welding parameters finally made a secure and long lasting weld possible.

The SKZ welding experts trained the P.E.S. staff members on sight in Iran.

There has been a joint-venture between SKZ in Würzburg, Germany and P.E.S., Teheran, Iran since 2004. SKZ experts have been training PE welders according to DVGW GW 330 and welding supervisors according to GW 331 in Iran since then.

Take the one time chance to see this world record pipe on the SKZ stand B24 in hall 10 at the international trade fair for plastic and rubber in Düsseldorf, Germany.

Contact: P.E.S Productive & Industrial Co, Teheran, Iran, info@pespipe.com, www.pespipe.com.



September 2010: As one of the world leaders in HDPE large diameter pipe production, P.E.S. /Iran is honored to announce the latest additions to its line of products: 1600 mm solid wall Polyethylene pipe with the wall thickness of 140 mm.



P.E.S. members are welding the "world record pipe"

World Record 2 of German SKZ and P.E.S. /Iran: 2400 mm Ø solid-wall PE-pipe

KWD-globalpipe, 27.10.2010. (PE pipes) **For the first time in the world, the 2400 mm solid-wall polyethylene pipe was produced at P.E.S factory complex in Kaveh Industrial city in Iran.** This technical achievement is the **result of 10 months of continuous technical deliberations** and hardworking by the engineers, technicians, and entire support team in P.E.S complex. This was also possible because of the cooperation with the German SKZ.

tion with the German SKZ.

“This technical breakthrough will always be remembered in the worldwide polyethylene pipe industry”, is P.E.S. convinced.

In May this year, we already reported in KWD globalpipe 357 about the goal of P.E.S. to produce PE pipes with diameters up to 2400 mm.

P.E.S is a leading producer of Polyethylene pipes and Fittings in the Middle East. They are the **exclusive producer of large diameter solid-wall HDPE pipes** in the Middle East region.

“We utilize the best HDPE resins for manufacturing pipes and fittings. (We supply raw materials from **Borouge** and **Basell**). We proudly certify that our products have the highest quality of the same goods worldwide. The use of large diameter solid-wall polyethylene pipes for **municipal, industrial, agricultural and energy applications** has become the **fast growing applications** around the world. This progress is due to major advantages of HDPE pipe over other pipe materials and increasing confidence in its excellent performance throughout long service life.” says P.E.S.



First time in the World: 2400 mm Solid-wall PE pipe by P.E.S. /Iran, October 21, 2010

P.E.S. delivers for projects of the following applications:

- Intake cooling water
- Discharge outfall
- Sewer outfall
- water crossing
- Desalination plant
- Fish farming

P.E.S is the exclusive producer of large diameter HDPE pipes and fittings in Iran. During the past **30 years**, by employing know-how and determined efforts, the company has successfully **increased its capacity to 5.5000 tons annually** and completed the range of its products up to 1600 mm in 2008 and up to 2400 mm in 2010. The large diameter HDPE pipes are available in standard Dimension Ratios (DRs) based on EN12201 and DIN8074 standards.

P.E.S provides **complete installation services** for pipeline projects.



Contact: P.E.S Productive & Industrial Co, Teheran, Iran, info@pespipe.com, www.pespipe.com.