

NEWS DUCTILE IRON PIPE SYSTEM

Information from the European Association for Ductile Iron Pipe Systems · EADIPS



Editorial

Dear readers,
may I wish you the best of health
and success in 2010!

The new title of the newsletter
may have already given you a clue:
after nearly six decades, the FGR
has developed into a European
industrial association which will be
known as EADIPS, the abbreviated
form of its English-language name.

With its change of title from
GUSSROHR-NEWS (DUCTILE IRON
PIPE NEWS) to **DUCTILE IRON
PIPE SYSTEMS NEWS**, the
Jan. 2010 issue of the newsletter
reflects the new structure of the
FGR/EADIPS. We trust you will
find it an enjoyable and informative
read.

Sincerely yours,

Raimund Moisa

FACHGEMEINSCHAFT GUSS-ROHRSYS.

FGR

European Association for Ductile Iron Pipe Systems · EADIPS



Duktile Guss-
Rohrsysteme für die
Trinkwasserver- und
Abwasserentsorgung

■ Rohre
■ Formstücke
■ Armaturen

Im Leuschnerpark 4 · 64347 Griesheim/Germany

www.eadips.org

The FGR now an organisation for Europe

The beginning of 2010 has seen the Fachgemeinschaft Guss-Rohrsysteme (FGR) e. V. re-organise itself. In the past, the FGR has represented both the technical interests of German manufacturers of ductile iron pipe systems and promoted the technical and economic advantages of such systems produced by German manufacturers. In the summer of 2009, a series of measures was introduced with the aim of expanding the FGR into a European ductile iron pipe association to be known by its English-language name: the European Association for Ductile Iron Pipe Systems · EADIPS. The membership of the association also includes important manufacturers of valves.

◆ Ulrich Päßler (Dipl.-Kfm.), co-CEO of Buderus Giesse-
rei Wetzlar GmbH and Ulrich Hezel (Dipl.-Kfm), CEO of Düker
GmbH & Co. KGaA have been appointed the members of the
board of management by the members of the new FGR/EADIPS.
Raimund Moisa (Dipl.-Ing.) will be directing the new association
as its CEO. The FGR/EADIPS will be giving system products of
ductile iron a more powerful presence and greater impact in the
fields of product news and information, public relations, training
and technical college and university work and standardisation. We
are gratified that, in the FGR/EADIPS, we are able to provide the
industry with a European industrial association of major signifi-
cance which, at European level, is going to be communicating the
various aspects of the sustainability of ductile iron pipe systems
to a wide audience and to the benefit of the water industry.

DN 400 ductile iron sewer pipes in the Helba near Meiningen

Since November 2009, utilities companies in the town of Meiningen have been replacing the local sewer system in Helba, a district of the town. The sewer pipes being installed are DN 400 ductile iron pipes to DIN EN 598 with TYTON® push-in joints and a cement mortar coating to DIN EN 15542.

◆ The ductile iron pipes have been installed, in very bad weather, along a very narrow and difficult laying route. A delibe-

rate choice was made to install the pipes in the area of the banks of the river Helba, which runs through the town, or in

the river itself because ductile iron pipes remain stable in shape and position even when the compaction of the bedding of the pipes varies. By the time the laying work is completed, on time, in the spring of 2010, 114 m of ductile iron pipes will have been installed.

Ductile iron pipes to protect a world-famous "alcohol" collection

The east wing of the internationally celebrated Berliner Naturkunde-museum (Berlin Natural History Museum) was destroyed in February 1945 but the reconstruction will be celebrated right on time for the 200th anniversary of the museum itself.



◆ Since November 2006, the Senate of Berlin, which owns the museum, and the technical department of Humboldt University have been undertaking expensive refurbishment and rebuilding work on the wing. The fabric of the rebuilt wing took 17 months to complete. Ductile iron fire-extinguishing pipes of nominal sizes of DN 100 and DN 200 with TYTON® - BRS®

restrained joints have been installed in the area outside the wing. These socket joints with an allowable operating pressure of PFA 25 can be deflected by up to 3°. As from September 2010, some 257,000 glass vessels containing valuable zoological specimens preserved in alcohol are going to be placed in store in two-storey-high rooms. It goes without saying that current fire-safety requirements are going to have to be met in these rooms. A good reason for putting one's trust in ductile iron pipe systems.

Economical and rugged

Ductile iron pipes with a rock shield coating

Ductile iron pressure pipes with a rock shield coating and proven provisions for pipe protection are highly suitable for use in rocky ground.



◆ The rugged polypropylene rock shield coating has unique impact resistance. When combined with a rock shield coating, the ductile iron pipe system is economical to assemble and install. These are the reasons why:

- the high mechanical strength of ductile iron as a material
- excellent properties from the point of view of health and hygiene
- outstanding hydrodynamic properties

- combined sealing and restraint system
- low-cost and user-friendly installation and operation
- low weight of the ductile iron pipes means a reduction in transport costs
- less site traffic because material dug out can be backfilled
- long useful life of the pipe system.

These are all properties that the vonRollrock ductile iron pipe has. It is suitable for laying wherever sharp-edged or pointed material is going to be used to backfill trenches.

DATES FOR YOUR DIARY

4/5 February 2010

DVGW, 14. Vorarbeiter-Weiterbildung, Wiesbaden-Niederhausen

11/12 February 2010

Oldenburg Pipeline Forum 2010

24 February 2010

Conference accompanying the 62nd Members' Meeting of the DWA, Frankfurt

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The 2014 Winter Olympics with a ductile iron pipe system

Sochi close to the Caucasus Mountains will be the venue for the XXII Winter Olympics and for the 2014 IX Winter Paralympics. The people responsible decided to use ductile iron pipe systems for the snow-making facilities. 14.6 km of ductile iron pipes, of a range of nominal sizes between DN 80 and DN 300, and more than 1400 ductile iron fittings have been supplied to the subtropical holiday paradise on the Black Sea. The work of constructing the snow-making systems, which are designed for a maximum operating pressure of 100 bars, is beginning in 2010. Sochi's ski resort, Rosa Khutor, has very steep ski runs and these call for very rugged pipes to be used to construct the snow-making systems. The well-tried VRS-T/BLS® push-in joint combines the following advantages:

- it is easy and quick to assemble even under extreme conditions
- it will accept angular deflections and is fully sealed.