



Editorial

Dear Readers,

In this February 2016 issue of the Newsletter I want to draw your attention to two events: the Cast Iron Pipe Systems Congress 2016 in Vienna and the 30th Oldenburg Pipeline Forum. EADIPS®/FGR® is pleased about an active participation on the presentations of the cast iron piping industry.

There are three other reports about the installation of ductile iron pipe systems for safeguarding drinking water supplies.

Have an enjoyable
and stimulating read
Sincerely yours



Raimund Moisa



Invitation to the Vienna Cast Iron Pipe Systems Congress

♦ On 14 and 15 March, under the patronage of AUSTRIAN STANDARDS and the European Standards Committee CEN TC 203 in cooperation with EADIPS®/FGR®, the Cast Iron Pipe Systems Congress 2016 will be taking place in Vienna. There will be four sessions in which you will be given a comprehensive, up-to-date and international overview of the application possibilities, current developments and opportunities for use of cast iron pipe systems:

Session A – Cast iron pipe systems in the global market – Requirements and opportunities

Session B – Operation and managing cast iron pipe systems

Session C – Innovative applications for cast iron pipe systems

Session D – Characteristics and technologies of cast iron pipe systems

An exciting programme awaits you which spans such subjects as the centuries-long use of cast iron pipe systems in drinking water supply, the important topic of comparative cost analysis, renewal strategies and finally the special applications which are becoming more and more in demand, such as snow-making equipment or hydropower applications.

Secure your place by signing up today at:

www.austrian-standards.at/gussrohr-kongress

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Ductile iron pipes for the Maria Lankowitz drinking water power station

♦ Six sources supply the whole area of the city of Köflach in the Austrian state of Styria with drinking water. In the local area of Salla the sources are captured and carried in a 14 km long transport pipeline to the 2,000 m³ capacity elevated tank in the Maria Lankowitz pilgrimage area. In order to generate power, the Maria Lankowitz drinking water power station has been

installed in the main water supply pipeline, part of which is to be renovated. As early as 2010, during the installation of the pressure pipeline for the Sallabach power station, a section of the transport pipeline (around 3 km) was replaced with DN 250 ductile iron pipes. In a further stage in 2015, in steeper sections of the transport pipeline, 3.5 km of DN 250 ductile iron pipes were laid

with VRS®-T push-in joints, suitable for an operating pressure of 30 bar, and fitted with PUR Longlife external protection. Once the pipeline has been renovated with ductile iron pipes and the new Maria Lankowitz hydropower station is up and running, water and power supply will be ensured.

Use of the HDD technique in Osthofen, Rhine-Hesse

◆ The “Wasserwerk Zweckverband Seebachgebiet” water supply company in Osthofen decided to lay a new DN 400 drinking water pipeline in the Schwertstraße area.

The new water supply pipeline had to run underneath the gas transport pipeline as well as gas supply pipelines, high and medium voltage cables, broadband and fibre optic cables already present in the Schwertstraße; there was also a streambed to be crossed. The directional drilling technique was used

with DN 400, K 9 ductile iron pipes with cement mortar coating and BLS® restrained push-in joints (length: 324 m). The pipe joints were protected with shrink-on sleeves and sheet metal cones. The directional drilling channel was driven beneath the supply pipelines and under the course of the stream at a depth of 10.50 m by the Max Wild GmbH company from Berkheim. It took 12 hours to pull in the pipes. Also



installed during the course of restructuring and reorganising the water supply were a further 288 m of DN 400, C 40, K 9 ductile iron pipes with TYTON SIT PLUS® push-in joints. The construction work commenced at the end of August 2015 and was completed by December 2015.

Invitation to the 30th Oldenburg Pipeline Forum

On 11 and 12 February 2016 the 30th Oldenburg Pipeline Forum takes place in Oldenburg. EADIPS®/FGR® would be pleased if you could come to the presentations of the cast iron pipe industry on 11 February 2016 from 1.30 pm to 3 pm. The three presentations are on the subject “Cast iron pipe systems in practice – sustainable application, intelligent network monitoring and innovative status evaluation”.

Dates for your diary

11–12 February 2016

30th Oldenburg Pipeline Forum,
Oldenburg

14–15 March 2016

Cast Iron Pipe Systems Congress 2016,
Vienna

30 May to 03 June 2016

IFAT 2016,
Munich Trade Fair Centre

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Replacement of the main water supply pipeline in the centre of the Wolhusen district of Entlebuch, Lucerne

◆ Work on the “Rössli” roundabout in the Wolhusen district of Entlebuch also involved the replacement of all utility pipelines. The existing and in some cases very old drinking water pipelines were in need of renewal. Therefore, in the affected construction area on the main K10 road, the drinking water mains with its branches for local developments and domestic connections had to be replaced. The fire hydrants in the supply area had to be reconnected. On the Marktbrücke bridge the new pipeline is visibly suspended under the pedestrian walkway on the downstream side. For the new drinking water mains, the tried and tested vonRoll ECOPUR ductile iron pipes were used with integral lining and coating in polyurethane (PUR) as well



as ECOFIT fittings with integral epoxy coating to GSK/RAL-GZ 662, classified as a reinforced coating according to EN 545. The new 600 m long ECOPUR DN 200 drinking water supply pipeline was equipped with the proven HYDROTIGHT thrust resistance system along its whole length.

