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ERDIP NEWS

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Kubota participated in The IWA World Water Congress & Exhibition 2018 as a principal sponsor

Kubota participated in The IWA World Water Congress & Exhibition 2018 in Tokyo as a principal sponsor in September. Kubota exhibited a wide range of products, technologies and services related to “water” from upstream to downstream, including mock-up of GX-type pipe - small diameter ERDIP. Furthermore, we gave a presentation at the business forum. Presentation theme was "Case study on pipeline measure using Earthquake Resistant Ductile Iron Pipe against large fault rupture and landslide".

For further inquiry, please feel free to contact us.
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ISO 16134:2006(E) will be revised soon

ISO/TC5/SC2 “Cast iron pipes, fittings and their joints” meeting was held in Japan in October. In the meeting ISO 16134:2006(E) “Earthquake-and subsidence-resistant design of ductile iron pipelines” was reviewed. Outline of the Standard remains unchanged, but joint deflection angle of classification of pipeline components will be changed from the angle of the ball joint to the angle of the DIP.
The revised standard will be issued through ISO prescribed procedures.

Parameter	Class	Component performance	
		Present	Draft revision
Expansion/contraction performance	S-1	±1% of L or more	No change
	S-2	±0.5% to less than ±1% of L	No change
	S-3	Less than ±0.5% of L	No change
Slip-out resistance	A	3 dkN or more	No change
	B	1.5 dkN to less than 3 dkN	No change
	C	0.75 dkN to less than 1.5 dkN	No change
	D	Less than 0.75 dkN	No change
Joint deflection angle	M-1	±15° or more	θa or more
	M-2	±7.5° to < 15°	θa/2 to < θa
	M-3	Less than ±7.5°	Less than θa/2

L : The component length, in millimeters (mm)
d : The nominal diameter of pipe, in millimeters (mm)
θa : The joint deflection angle as shown in table below

Nominal diameter	80 to 400	450 to 1000	1100 to 1500	1600 to 2200	2400 to 2600
Joint deflection angle θa	8°	7°	5°30′	4°	3°30′