



North East Region  
Tyne and Wear Young Members Panel

## ICE PIGGING: INNOVATIVE PIPELINE MAINTENANCE

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Using a “pig”, sections of mains water pipes can be cleaned using high pressure jets. When traversed along the pipe, the pig blasts away any debris which has built up on the pipe walls. However for this method to work successfully, large scale excavations, cutting, draining and even removing sections of pipe must be accounted for, adding to the complexity of the problem.

Ice Pigging looks to overcome these obstacles by introducing ice slurry into the pipeline. Once inside, it behaves like a fluid to flow around bends and restrictions but remains solid enough to act as an abrasive to clean the internal of the pipe without damaging the surface.

Nick Haskins, UK Business Development Manager at Suez Advanced Solutions provides an insight into the fascinating field of ice pigging.

**Thursday 23<sup>rd</sup> February 2016**

Meeting at 6:30pm for refreshments  
Lecture to begin at 7.00pm

The North of England Institute of Mining  
Neville Hall  
Westgate Road  
Newcastle upon Tyne  
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For more information and to reserve your place  
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