

What's Happening to BS 8010

BS 8010 Part 1 Pipelines on Land: General, Part 2.8 Steel for Oil and Gas, and Part 3 Pipelines subsea: design, construction and installation, are all being revised and will be incorporated into a new published document **PD 8010**. This will finally hit the streets early next year after going out for industry comment in the summer.

Background

We are living in the era of CEN standards, which supersede member States own equivalent national standards under EU law. Yes, when a CEN standard is published, the equivalent national standard for each Member State has to be withdrawn within 12 months. For UK, BSI then starts producing the CEN standard, which are then referenced as BS EN.

Why A PD ?

On the pipeline scene things have not been straightforward so I'll try and keep it simple. .

ISO 13623 Pipeline Transportation Systems is a new International Standard which UK is unhappy with and voted against as it is the lowest common denominator of country standards. It is a general goal setting standard suitable for worldwide application but lacking specific guidance. CEN is proposing to adopt it as the new CEN standard, which UK is particularly unhappy about, as it would then supersede **BS 8010**. Other EU countries have State legislation to control their standard for pipelines and so are not concerned. However in UK this is not the case so we need to find a way to retain the guidance given in **BS 8010**. Under the rules we are able to publish a PD (a published document) which incorporates our own industry practise and reflects the requirements of the CEN standard. Hence **PD 8010**.

Unfortunately there's more

When **ISO 13623** is adopted as a CEN it will exclude natural gas as there is a new CEN standard for gas **BS EN 1594 Gas Supply Systems - Pipelines for maximum operating pressures over 16 bar – functional requirements**. And yes this standard is also one that falls short of the pipeline codes and standards that we are use to using. This is not a major concern for Transco with the National (and local) Transmission Systems as they use standard recommendations, which are published by the Institution of Gas Engineers, **IGE/TD/1 Steel Pipelines for High Pressure Gas Transmission** and not a BSI national standard. The new edition of TD/1 is shortly to be published (Edition 4) and covers pressures up to 100 bar and design factors to 0.8.

BS 8010 covers a full range of liquids and gases including natural gas and this will also be the case with the new **PD 8010** However the PD will make reference to **TD/1** for detailed recommendations for natural gas.

If you have read this far, well done, you may be just the person we need. If you have specialist knowledge of some aspect of pipelines, are good at puzzles, and can pretend to be patient, we could do with you representing the Guild on a Standards committee. We are very grateful for all those that undertake this role on behalf of the Guild.

Steve Thomas
Technology and Industry Committee.