



LONDON FORUM

Thursday, 19 October 2017

A Comparison of the ASME and European Standards to achieve Safe Boiler Operation

by Stuart Cameron MBE, President of the Heat Transfer Society

Boiler plant designed and manufactured to the ASME and EN Standards have equivalent levels of safety but have a different approach in terms of the role of the Inspecting Body and the technical requirements.

ASME tends to focus on the critical safety requirements which is supported by the technical specifications of the Manufacturer whereas the EN Standard is more prescriptive.

An overview comparison of the two Codes will be presented together with an outline of the proposals for incorporation of a new Part in the ASME Code which will include design by analysis for plant operating at high temperatures under cyclic loading conditions, more prescriptive non-destructive examination scope and acceptance criteria and guidelines on corrosion, erosion and steam side oxidation.

Stuart Cameron recently retired as Chief Engineer with Doosan Babcock in the UK after 40 years service and continues as a consultant on strategic issues and advisor to the Engineering Centre of Excellence.

He is an ASME Fellow and served on various ASME committees, including the Section I Power Boiler Committee, the Council for Certification and Standards, the Board on Conformity Assessment and is Vice Chair of ASME Board for Strategic Initiatives for Certification and Standards. He was the Project Manager for the modernization of the ASME Power Boiler Code to meet the requirements of plant operating at high temperatures under cyclic loading. He was nominated to the ASME Board of Governors in 2016 and is a member of the President's Task Force on Strategy and Planning.

The presentation is at 6 pm with a buffet from 5:30 pm.

Venue is: The Barley Mow Pub (upstairs function room), 104 Horseferry Rd, Westminster, London SW1P 2EE

Future Events

❖ **Wed. 22 November: London Forum - Green's Combustion Ltd.**



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Note that views expressed at forums do not necessarily reflect those of the Society

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