

In-person and online meeting

## Simplified heat input control in manual and semi-automatic welding

Given by Kevin Millican, senior I & M lead, Shell plc.



ISO 3834-2, -3 Section 14.3 states, “During welding, the following shall be checked at suitable intervals or by continuous monitoring: – essential welding parameters (e.g. welding current, arc voltage and travel speed);” How do your welders know if they are working within the approved parameter ranges? How often do you carry out such tests? What are we trying to achieve? Is there a quicker and cheaper way of doing these checks? This presentation will examine two shortcut methods covering SMAW & GMAW/FCAW welding processes, and will provide tools to assist fabricators in implementing these techniques.

Kevin Millican CEng, BSc, FWeldI is an Engineering Metallurgist with 38 years of experience in the Oil & Gas and Wind Energy sectors. He began his postgraduate career at Oilfield Inspection Services in Great Yarmouth. In 1989 Kevin joined SLP Engineering in Lowestoft as a Welding & Materials Engineer in 1989 and joined Shell in early 2011 as a Senior Materials & Corrosion Engineer. He is now Senior Inspection & Maintenance Lead for Shell Nigeria Gas. He is also active in The Welding Institute, EEMUA and BSI.

8<sup>th</sup> June 2022 at 6:00 p.m.

Refreshments from 5:30. A buffet will follow the presentation.

Location: The York Room, Lancaster Hall Hotel, 35 Craven Terrace, London W2 3EL.

The hotel is five minutes walk from Lancaster Gate Underground Station

Please register for **either** in-person or for online attendance.

<https://theweldinginstitute.com/events>