



Materials Technical Group Meeting: Metallurgical Impact of Minor Elements in Steel Welds

Monday 15th November 2021

Online – via ZOOM
2.00-5.30pm UK Time, GMT

2pm	Welcome and Introduction	<i>Dr Peter Boothby Principal Engineer, Rosen Group/ Chair, Welding Institute Materials Technical Group</i>
2.05	Microalloying – a brief history	<i>Mrs Joanna Nicholas Team Manager, Metallurgy, Materials and Structural Integrity Group TWI Ltd</i>
2.45	Carbon equivalent formulae- knowns and unknowns	<i>Dr Phil Kirkwood Managing Director, Micro-Met International Ltd</i>
3.30	Centreline plate segregation cracking	<i>Eur Ing Alan Denney Consultant Metallurgist/Welding Engineer AKD Materials Consulting Ltd</i>
3.50	Some thoughts on impurities in carbon steels	<i>Mrs Joanna Nicholas Team Manager, Metallurgy, Materials and Structural Integrity Group TWI Ltd</i>
4.05	Weldability considerations affecting seam welding of modern SAW linepipe	<i>Mr Martin Connelly Technical Director Liberty Steel Hartlepool</i>
4.40	The effect of inclusions in the development of weld metal microstructure	<i>Dr Graeme Barritte Senior Lecturer Cranfield University</i>
5.10	Questions and closing remarks	
5.30	End of event	