

Register of Independent Technical Experts (ITEs)

Effective from: October 1, 2022
 To: September 30, 2023

Name	Company	Qualifications	Orifice Plate Meters	Turbine Meters	Ultrasonic Meters	Coriolis Meters	Chromatographs	Nominated By
Andrew Wrath	SICK (UK) Ltd.	BTEC HNC Electrical Engineering BTEC ONC Engineering Institution of Gas Engineers & Managers (IGEM) UK Nominated expert on ISO17089 Chairman of IGE/GM/4 Member of IGEM Gas Measurement Committee			X			Wales & West Utilities
Ben Kirkman	KELTON Engineering Services	CEng IMechE, Chartered Mechanical Engineer, MEng (2:1 Hons) Mechanical Engineering, Imperial College London BOSIET certification	X	X	X	X	X	Scotia Gas Networks
Colin Lightbody	TUV NEL Ltd				X			TBC
Dr Chris Mills	TUV NEL Ltd	EngD, Doctor of Engineering, Coventry University CEng IChemE, Chartered Chemical Engineer BEng Honours Chemical Engineering, University of Strathclyde, Glasgow Member of BSI CPI/30/5- velocity and mass methods Task Group Leader for ISO/WD TR 24062 – clamp on USMs Member of EURAMET Technical Committee for Flow (TC Flow) Member of BIPM Working Group Fluid Flow (WGFF) Member of Energy Institute HMC-1		X	X	X		National Grid NTS

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Dr Gabriele Chinello	TUV NEL Ltd	PhD Mechanical Engineering, Glasgow Caledonian University MSc Energy Engineering (1st), Pisa University BSc Energy Engineering, Pisa University Master thesis student at Delft University of Technology Associate Member of the Institution of Mechanical Engineers (AMIMEchE) Professional Industrial Engineer Qualification, Italy Committee member of PSE/265 - Carbon Capture Transportation and Storage (BSI mirror committee for ISO/TC 265) Committee member of CPI/30/2 - Differential pressure methods (BSI mirror committee for ISO/TC 30/SC 2) Committee member of CPI/30/7 - Volume flow-rate methods (BSI mirror committee for ISO/TC 30/SC 7) Committee member of ISO/TC 193/SC 3 - Natural Gas Upstream are Convener of ISO/TC 30/SC 7 - Volume methods including water meters Convenor of ISO/TC 30/SC 7/WG 9 – Revision of ISO 4064 part 1 and 2	X	X				TBC
Dr Gavin Squire	EffecTech Ltd	BSc (Hons) in Chemistry with Mathematics, PhD in Chemistry Professional Qualifications Chartered Chemist (CChem), Fellow of the Royal Society of Chemistry (FRSC) Memberships Member of BSI technical committee (PT1/15) – Gas Analysis and Natural Gas. Principal UK Expert (ISO/TC158/WG4) – Gas Analysis – Comparison Methods Member of ISO/TC158 – Gas Analysis Member of ISO/TC193 – Natural Gas					X	National Grid and Cadent
Marc Baynham	Technica Ltd		X		X	X	X	National Grid

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Marc MacDonald	TUV NEL Ltd	CEng IChemE, Chartered Chemical Engineer Meng (Distinction) Chemical Engineering, University of Strathclyde, Glasgow		X	X	X		National Grid
Michael Reader-Harris	TUV NEL Ltd	MBCS, CEng FIMA CMath, Chairman BS CPI 30/2 (Differential Pressure Measurement), ISO/TC 30 (Flow Measurement). Responsible for Reader-Harris/Gallagher equation in ISO 5167	X					National Grid
Paul Daniel	iVigilant	M.Sc Computer Based Plant & Process Control BEng Digital Systems Engineering B.Tech OND Engineering 9 O'Levels (Grade C and above)	X		X	X	X	Scotia Gas Networks
Piers Eldridge	KELTON Engineering Services	BEng Honours degree in Electrical and Electronic Engineering. MSc in the Physics of Laser Communications. M.I.E.T - Member of the Institution of Engineering & Technology	X	X	X		X	Cadent
Robert Thomson	Precise Gas Metering Services Ltd.	HNC (Electronic and Electrical Engineering), 30 years operational experience of gas and oil metering systems	X	X	X	X		National Grid