

## Register of Independent Technical Experts (ITEs)

Effective from: October 1, 2021  
To: September 30, 2022

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 Nominated expert on ISO17089			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
Chris Mills	TUV NEL Ltd			X	X	X		National Grid NTS
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 (PTI/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
Dr Jacek Krawaczynski	JK Consulting	MSc (Instrumentation and Analytical Science), PhD (Ultrasonic Flow Imaging). CEng, FInstMC, Member of BSC CPI: 30/2 (Measurement of fluid flow in closed conduits); 30/2/1 (Differential pressure measurement); and 30/5/1 (Velocity based methods). GSE 33 (Gas Supply). Member of North Sea Flow Measurement Workshop.	X		X			Centrica and EDF Energy

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Marc Baynham	Technica Ltd		X		X	X	X	National Grid
Marc MacDonald	TUV NEL Ltd			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			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