

Register of Independent Technical Experts (ITEs)

Effective from: July 17, 2019
 To: September 30, 2020 Detailed CVs are available on request.

Name	Company	Qualifications	Orifice Plate Meters	Turbine Meters	Ultrasonic Meters	Coriolis Meters	Chromatographs	Nominated By
Alick MacGillivray	TUV NEL Ltd	BSc (Maths and Physics)	X		X			National Grid NTS
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 (MechE), Chartered Mechanical Engineer, MEng (2:1 Hons) Mechanical Engineering, Imperial College London ROSIET certification	X	X	X	X		Scotia Gas Networks
Craig Marshall	TUV NEL Ltd	MSci Applied Chemistry and Chemical Engineering, University of Strathclyde, 2009	X	X	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 NTS and National Grid Distribution

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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
Michael Mackay	METCO Services Limited	C.Eng MIET MInstMC	X	X				Scotia Gas Networks
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 NTS
Piers Eldridge	DNV GL – Oil & Gas	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	National Grid Distribution
Paul Daniel	Metco Services Ltd	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

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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 NTS