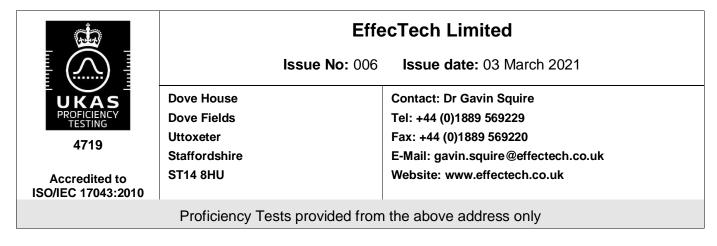
## **Schedule of Accreditation**

issued by

**United Kingdom Accreditation Service** 

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



## DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
GAS MIXTURES	Global gas and LNG proficiency testing scheme (GGLNG)	Traceable reference values.
Natural gas / LNG mixture	amount fraction (% mol/mol) nitrogen (0.1 to 8) carbon dioxide (0.1 to 8) ethane (0.1 to 14) propane (0.05 to 5) iso-butane (0.01 to 1) n-butane (0.01 to 1) iso-pentane (0.005 to 0.35) n-pentane (0.005 to 0.35) n-hexane (0.005 to 0.35) methane (balance)	Details of the scheme are documented in the in-house procedures (PR021, PR022, PR023 and PR024).
Propane balance gas mixture	amount fraction (% mol/mol) nitrogen (0.1 to 2) ethane (0.25 to 3) iso-butane (0.03 to 0.7) n-butane (0.03 to 0.7) iso-pentane (0.02 to 0.08) n-pentane (0.02 to 0.08) propane (balance)	
Mixed refrigerant gas mixture	amount fraction (% mol/mol) nitrogen (8 to 16) ethane (20 to 35) propane (5 to 15) methane (balance)	

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UKAS PROFICIENCY TESTING 4719	EffecTech Limited Issue No: 006 Issue date: 03 March 2021		
Accredited to ISO/IEC 17043:2010			
Proficiency Tests provided from main address only			

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used		
GAS MIXTURES (continued)	Global gas and LNG proficiency testing scheme (GGLNG) (continued)			
Sulphur gas mixture	amount fraction (µmol/mol)			
	hydrogen sulphide (1 to 10) carbonyl sulphide (1 to 10) methyl mercaptan (1 to 10) ethyl mercaptan (1 to 10) dimethyl sulphide (1 to 10) methane, ethane and propane (balance)			
STACK EMISSIONS GAS MIXTURES	Stack Emissions Proficiency Testing Scheme (SEPTS)	Traceable reference values.		
	amount fraction	Details of the scheme are		
carbon monoxide in nitrogen	50 to 1000 µmol/mol	documented in the in-house procedures (PR021, PR023, PR024		
carbon dioxide in nitrogen	1 to 10 %mol/mol	and PR036).		
oxygen in nitrogen	2 to14 %mol/mol			
nitric oxide in nitrogen	5 to 500 µmol/mol			
sulphur dioxide in nitrogen	50 to 1000 µmol/mol			
propane in 10% oxygen with balance nitrogen	1 to 50 µmol/mol			
nitrogen oxides in nitrogen nitric oxide (NO) nitrogen oxides (NO <sub>x</sub> )	40 to 400 μmol/mol 50 to 500 μmol/mol			
END				