# **Schedule of Accreditation**

issued by

# **United Kingdom Accreditation Service**

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



4719

Accredited to ISO/IEC 17043:2023

## EffecTech Limited

Issue No: 009 Issue date: 31 October 2025

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Proficiency Tests provided from the above address only

### **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)	

Assessment Manager: CA2 Page 1 of 2



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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 and PR036).	
carbon dioxide in nitrogen	1 to 10 %mol/mol	and PR030).	
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			

Assessment Manager: CA2 Page 2 of 2