Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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2518

Accredited to ISO/IEC 17025:2017

Nippon Gases Offshore Limited

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement		Standard specifications/ Equipment/Techniques used
COMPRESSED GASES	Chemical Analysis		
Diving gases	Amount fraction (%mol/mol)		
Helium/oxygen mixtures (Heliox) (see Note 1)	Oxygen	2% to 60%	Documented in-house method WI-110 (GAS System)
Nitrogen/oxygen mixtures (Nitrox) (see Note 1)	Oxygen	2% to 55%	Documented in-house method WI-110 (GAS System)
Diving air (see Note 1)	Oxygen	19.9% to 21.9%	Documented in-house method WI-110 (GAS System)
Diving helium (see Note 1)	>99.99%		**Note 1** Gases can be analysed for compliance with BS 8478:2011 and BS EN 12021:2014
Oxygen (see Note 1)	>99.95%		
High purity gases			
Oxygen (see Note 1)	>99.95%		
Nitrogen	>99.99%		
Argon	>99.998%		
Helium	>99.99%		
Trace gas analysis for above gases and gas mixtures	Water Methane Carbon dioxide Carbon monoxide Nitrogen		Documented in-house methods WI-102 (FTIR) WI-103 (Gas Analyser) WI-104 (GC) WI-106 (Moisture Meter) WI-110 (GAS System)

Materials/Products tested	Type of test/Properties measured/Range of measurement		Standard specifications/ Equipment/Techniques used
COMPRESSED GASES (cont'd)	Chemical Analysis (cont'd)		
Industrial gases			
Helium in nitrogen	Helium	1 % to 90 %	Documented in-house methods WI-103 (Gas Analyser) WI-106 (Moisture Meter) WI-112 (GC)
Welding gases	Amount fraction (%mol/mol)		
Carbon dioxide in argon	Carbon dioxide	5 % to 50 %	ANSI/AWS A5.32/A5.32M-97, (R 2007) BS EN ISO 14175:2008 Documented in-house methods WI-103 (Gas Analyser) WI-106 (Moisture Meter) WI-111 (GC) WI-114 (Gas Analysis)
Argon in helium	Argon	5 % to 70 %	ANSI/AWS A5.32/A5.32M-97, (R 2007) BS EN ISO 14175:2008 Documented in-house methods WI-103 (Gas Analyser) WI-106 (Moisture Meter) WI-112 (GC)
Carbon dioxide, oxygen and argon	Carbon dioxide Oxygen	0.5 % to 20 % 2 %	ANSI/AWS A5.32/A5.32M-97, (R 2007) BS EN ISO 14175:2008 Documented in-house methods WI-103 (Gas Analyser) WI-106 (Moisture Meter) WI-111 (GC) WI-114 (Gas Analysis)
Helium, carbon dioxide and argon	Helium Carbon dioxide Argon	35 % to 75 % 0.5 % to 5% 8% to 50%	ANSI/AWS A5.32/A5.32M-97, (R 2007) BS EN ISO 14175:2008 Documented in-house methods WI-103 (Gas Analyser) WI-106 (Moisture Meter) WI-111 (GC) WI-112 (GC)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
COMPRESSED GASES (cont'd)	Chemical Analysis (cont'd)	
Nitrogen in Argon	Nitrogen 2% to 50% Argon 50% to 98%	ANSI/AWS A5.32/A5.32M-97, (R 2007) BS EN ISO 14175:2008 Documented in-house methods WI-103 (Gas Analyser) WI-106 (Moisture Meter) WI-112 (GC)
Fire fighting gases		
Inergen IG-55	Nitrogen 50 % Argon 50 %	ISO 14520-15:2015 Documented in-house methods WI-103 (Gas Analyser) WI-106 (Moisture Meter) WI-114 (Gas Analysis)
Calibration gases		
Helium, Oxygen and Carbon Dioxide	Oxygen 2% to 21% Carbon Dioxide 350 to 5000 µmol/mol	Documented in-house methods WI-103 (Gas Analyser) WI-105 (Calibration Gases by GC) WI-106 (Moisture Meter)
END		