Schedule of Accreditation

Organisation Name	Irving Oil Whitegate Refinery Ltd
Trading As	
INAB Reg No	258T
Contact Name	Ger Lynch
Address	Whitegate, Midleton, Cork, P25 HD93
Contact Phone No	021 46 222 00
Email	ger.lynch@irvingoil.com
Website	
Accreditation Standard	ISO 17025 T
Date Initially Awarded	13/04/2010
Scope Classification	Chemical testing
Services available to the public[1]	No

[1] Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	**Address**
1	Head Office	Whitegate, Midleton, Cork, P25 HD93

Scope of Accreditation

Head Office

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
770 Gases and aerosols - .07 Other gases and mixtures	I.S. EN 15984:2017	1 - Butene	0.1 - 10.0 mole %	Gas		
		1,3-Butadiene	0.1 - 15.5 mole %	Gas		
		1-Pentene	0.1 - 2.0 mole %	Gas		
		2-methyl-2-Butene	0.1 - 1.0 mole %	Gas		
		Acetylene	0.1 - 5.0 mole %	Gas		
		c-2-Butene	0.1 - 5.0 mole %	Gas		
		C6+ (≥ C6) included are all gaseous components containing six or more carbon molecules. N-Hexane is a common example of such a component.	0.05 - 0.5 mole %	Gas		
		Carbon Dioxide	0.1 - 3.0 mole %	Gas	Carbon Content units of g/100 g of gas	
		Carbon monoxide	0.1 - 1.5 mole %	Gas	Calorific (Heating) Value units are KJ/100 g of gas @ 15°C	Refinery Gas Analyzers (RGA's) use F.I.D. & T.C.D./ A.I.B. detectors
		cis-2-Pentene	0.1 - 1.5 mole %	Gas		
		Cyclopropane	0.033 - 0.165 mole %	Gas		
		Ethane	0.1 - 45.0 mole %	Gas		Calculations are shown in the I.S. EN 15984:2017 Method.
		Ethylene	0.1 - 12.5 mole %	Gas		
		Fuel gas	Mole %	Gas	Gas Chromatography	I.S. EN 15984:2017
		Hydrogen	0.1 - 100.0 mole %	Gas	Carbon Content and Calorific (Heating) Value by calculation.	Petroleum Industry and products - Determination

						of composition of Refinery Heating gas and calculation of Carbon Content and Calorific Value - Gas chromatography Method.
		i-Butane	0.1 - 100.0 mole %	Gas		
		i-Pentane	0.1 - 10.0 mole %	Gas		
		Iso- Butylene (i-Butene)	0.1 - 5.0 mole %	Gas		
		Methane	0.1 - 100.0 mole %	Gas		
		n - Butane	0.1 - 100.0 mole %	Gas		
		Nitrogen	0.1 - 59.8 mole %	Gas		
		n-Pentane	0.1 - 10.0 mole %	Gas		
		Propadiene	0.1 - 5.0 mole %	Gas		
		Propane	0.1 - 100.0 mole %	Gas		
		Propylene	0.1 - 15.0 mole %	Gas		
		t-2-Butene	0.1 - 15.5 mole %	Gas		
		trans-2-Pentene	0.1 - 1.0 mole %	Gas		