

# Schedule of Accreditation



Organisation Name	Irving Oil Whitegate Refinery Ltd
Trading As	
INAB Reg No	258T
Contact Name	Ger Lynch
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Website	
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	13/04/2010
Scope Classification	Chemical testing
Services available to the public <sup>1</sup>	No

<sup>1</sup> 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	Determination of Refinery Heating Gas and calculation of Carbon Content and Calorific Value - Gas Chromatography Method	1,3-Butadiene	0.1 - 15.5 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		1-Pentene	0.1 - 2.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		c-2-Butene	0.1 - 5.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		C6+ ( $\geq$ 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	Refinery Gas Analyzers (RGA's)	IS EN 15984
		Carbon Dioxide	0.1 - 3.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984

	Cyclopropane	0.033 - 0.165 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	Ethylene	0.1 - 12.5 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	Methane	0.1 - 100.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	n - Butane	0.1 - 100.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
Calculation of Carbon Content and Calorific Value - Gas Chromatography Method	Calculation of Calorific Value- Gas Chromatography Method	0.0 - 11991.0	Calculation of Calorific Value- Gas Chromatography Method	Refinery Gas Analyzers (RGA's)	IS EN 15984
	Calculation of Carbon Content- Gas Chromatography Method	0.0 - 92.26	Calculation of Carbon Content- Gas Chromatography Method	Refinery Gas Analyzers (RGA's)	IS EN 15984
Determination of Refinery Heating Gas and calculation of Carbon Content and Calorific Value - Gas Chromatography Method	1 - Butene	0.1 - 10.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	2-methyl-2-Butene	0.1 - 1.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	Acetylene	0.1 - 5.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	C6+	0.1-100 Mole %	Gas	Refinery Gas Analyzers (RGA's)	I.S. EN 15984
	Carbon monoxide	0.1 - 1.5 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	cis-2-Pentene	0.1 - 1.5 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
	Ethane	0.1 - 45.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984

		Hydrogen	0.1 - 100.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		i-Butane	0.1 - 100.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		i-Pentane	0.1 - 10.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		Iso- Butylene (i-Butene)	0.1 - 5.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		Nitrogen	0.1 - 59.8 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		n-Pentane	0.1 - 10.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		Propadiene	0.1 - 5.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		Propane	0.1 - 100.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		Propylene	0.1 - 15.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		t-2-Butene	0.1 - 15.5 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984
		trans-2-Pentene	0.1 - 1.0 mole %	Gas	Refinery Gas Analyzers (RGA's)	IS EN 15984