

	ACCREDITATION DOCUMENT	F-06/02 Issue Date: 10/08/15 Rev. No: 07 LAB 081
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Accreditation No: LAB 081

Awarded to

**Pakistan Oilfields Limited, Central Laboratory Meyal, POL House
Morgah, Rawalpindi, Pakistan.**

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc and shall not mislead its users.

The accreditation was first time granted on **27-11-2014** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO/IEC 17025:2005**. The accreditation requires regular surveillance, and is valid until **26-11-2017**. The

decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

12-10-2015

Date

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Director General

Testing Laboratory.

Accreditation Scope of Pakistan Oilfields Limited, Central Laboratory Meyal, POL House Morgah, Rawalpindi, Pakistan.

Permanent laboratory premises

Materials/Products tested	Testing field (e.g. environmental testing or mechanical testing)	Types of test/ Properties measured	Standard specification/ Techniques/ equipment used
1- LPG	Chemical Testing	1. GAUGE VAPOR PRESSURE	ASTM D1267 Vol, 5.01 Year 2012
	Chemical Testing	2. SPECIFIC GRAVITY BY PRESSURE HYDROMETER	ASTM D1657 Vol, 5.01 Year 2012
	Chemical Testing	3. VOLATILITY OF LPG GASES	ASTM D1837 Vol, 5.01 Year 2011
2- GAS COMPOSITION	Chemical Testing	1. METHANE	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	2. ETHANE	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	3. PROPANE	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	4. ISO-BUTANE	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	5. N-BUTANE	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	6. ISO-PENTANE	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	7. N-PENTANE	ASTM D1945 Vol, 14.01 Year 2003

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	Chemical Testing	8. HEXANE+	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	9. CO ₂	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	10. NITROGEN	ASTM D1945 Vol, 14.01 Year 2003
	Chemical Testing	11. H ₂ S (on site test)	IP-103
3- WATER ANALYSIS	Chemical Testing	1. CHLORIDES	ASTM D4458 Vol, 11.02 Year 2009
	Chemical Testing	2. SULFATES	ASTM D4130 Vol, 11.02 Year 2008
4- FLUE GAS ANALYSIS	Chemical Testing	3. CO	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	4. H ₂ S	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	5. O ₂	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	6. SO ₂	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	7. NOX	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	8. CO ₂ , Calculated	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	9. Lower Explosive Limit (LEL)	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	10. TEMPERATURE,	Instrument Manual IMR 2800P May- 2009
	Chemical Testing	11. Combustion Efficiency	Instrument Manual IMR 2800P May-2009

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Director