

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/02</b> <b>Issue Date: 10/08/15</b> <b>Rev. No: 07</b> <b>LAB 009</b>
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**Accreditation No: LAB 009**

Awarded to

**Explosive Chemical Laboratory, (XL)  
Pakistan Ordnance Factories, 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 **18-04-2005** 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 **10-01-2019**.

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**

\_\_\_\_\_  
Date

\_\_\_\_\_  
Director General

\_\_\_\_\_  
Date

\_\_\_\_\_  
Director

**Testing Laboratory.**

Accreditation Scope of **EXPLOSIVES CHEMICAL LABORATORIES (XL)**

**PAKISTAN ORDNANCE FACTORIES WAH CANTT, 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
NC – 1055, NC – 1111, P – 2, P – 3	Chemical Testing	Nitroglycerin	Method # 208.2.2
		Centralite – I	Method # 202.2.3
		Moisture	Method # 101.5
		Volatile Matter	Method # 101.1.2
		Potassium Bitartrate	Method # 310.3.1
		Potassium Nitrate	Method # 310.3.1
NC-1055, NC-1111		Ash	Method # 106.1.2
NC – 1055,		Specific Gravity	Method # 510.1.1
NC – 1111		Specific Gravity	Method # 510.1.1
P-3		Specific Gravity	Method # 510.1.1
NC – 1055, NC – 1111, P – 2, P – 3, 30mm, 37mm		Nitrocellulose	Method # 209.2.1
		Diphenyl Amine	Method # 201.1.4
		Mean Length	Method # 504.6.1
		Mean Dia	Method # 504.6.1
		Mean Thickness	Method # 504.6.1
		Mean Web Size	Method # 504.6.1
		Mean Hole Size	Method # 504.6.1
		Mean Width	Method # 504.6.1
NC – 1055, NC – 1111, 30mm, 37mm		Graphite	Method # 308.1.4
NC – 1055		Di-amyl Phthalate	Method # 204.1.2
P – 2, P – 3 NC-1111	Methyl Violet Test	Method # 404.1.2	
NC-1055	Methyl Violet Test	Method # 404.1.2	

**MILITARY STANDARD "PROPELLANTS, SOLID: SAMPLING, EXAMINATION AND TESTING"**  
**MIL-STD-286C. 13th October 2010**

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Date

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Director