



**National Accreditation Board for  
Testing and Calibration Laboratories**  
(A Constituent Board of Quality Council of India)



## **CERTIFICATE OF ACCREDITATION**

### **CONTINENTAL CARBON INDIA LIMITED (LABORATORY)**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

A-14, Industrial Area No. 1, NH-24, South Side of GT Road, Ghaziabad, Uttar Pradesh

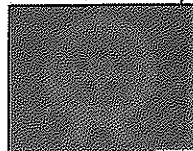
in the field of

**TESTING**

**Certificate Number** TC-5884 (in lieu of T-1980, T-1981)

**Issue Date** 02/05/2017

**Valid Until** 01/05/2019



This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Signed for and on behalf of NABL

**N. Venkateswaran**  
Program Director

**Anil Relia**  
Chief Executive Officer



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## SCOPE OF ACCREDITATION

**Laboratory** Continental Carbon India Limited (Laboratory), A-14, Industrial Area No. 1, NH-24, South Side of GT Road, Ghaziabad, Uttar Pradesh

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**Validity** 02.05.2017 to 01.05.2019

Last Amended on 30.06.2017

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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### CHEMICAL TESTING

I. INDUSTRIAL AND FINE CHEMICALS				
1.	Carbon Black	Ash Content	ASTM D 1506	0 to 1 wt %
		Fines Content	ASTM D 1508	0.1 wt% to 20 wt%
		Heat Loss	ASTM D 1509	0.1 wt% to 10 wt%
		Iodine Adsorption Number	ASTM D 1510	20 g/kg to 150 g/kg
		pH Value	ASTM D 1512	2 to 10
		Pour Density	ASTM D 1513	280 kg/m <sup>3</sup> to 550 kg/m <sup>3</sup>
		Sieve Residue	ASTM D 1514	0 to 0.2 wt%
		Toluene Discolouration	ASTM D 1618	20 % Transmittance to 100 % Transmittance
		DBP Absorption No.	ASTM D 2414	50 ml/100g to 140 ml/100g
		Tint Strength against ITRB	ASTM D 3265	50 % ITRB to 130% ITRB
		24M4 Compressed DBP	ASTM D 3493	50 cm <sup>3</sup> /100 g to 110 cm <sup>3</sup> /100 g
		BET Surface Area	ASTM D 6556	20 m <sup>2</sup> /g to 160 m <sup>2</sup> /g
2.	Carbon Black Feed Stock	Water Content	ASTM D 95	0 to 10.0 v/v%
		Ash content	ASTM D 482	0.01 wt% to 1.0 wt%
		Specific Gravity	ASTM D 1298	0.800 to 1.200

*Deepak*

Deepak Kumar Sharma  
Convenor

*N. Venkateswaran*

N. Venkateswaran  
Program Director



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		SUS Viscosity	ASTM D 88	25 Seconds to 175 Seconds
		Sulphur Contents	ASTM D 129	0.50 wt% to 4.00 wt%
		Ashphaltenes	ASTM D 6580	0.50 wt% to 30.00 wt%
		API Gravity	ASTM D 1296	(-) 15 to (+) 10
		BMCI	Phillips 7317 13 H	100 to 180

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<b><u>MECHANICAL TESTING</u></b>				
I.	<b>MECHANICAL PROPERTIES OF MATERIALS</b>			
1.	Carbon Black	Pellet Hardness	ASTM D 5230	0 to 120.0 gf
		Modulus at 300% Elongation with Industrial Reference Black (IRB-8)	ASTM D 412 06a	(-) 6.0 MPa to (+)3.0 MPa

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