

# National Accreditation Board for Certification Bodies



INSPECTION BODY

## Accreditation Certificate

NABCB hereby confirms that

**Karandikar Laboratories Pvt. Ltd.  
(Inspection & Training Division)**

Gat No. 142, Boisar Chilhar Road,

Opp. Union Park, At Betegaon,


Boisar (E), Tal. Palghar – 401501, India

Complies with NABCB Accreditation Criteria for Inspection Bodies  
and is accredited in accordance with

**International Standard ISO/IEC 17020:2012  
as Type 'A' Inspection Body**

to provide Inspection Services as per  
Approved Scope of Accreditation described in Schedule I  
and from its Office(s) described in Schedule II

<b>Accreditation Certificate Number</b>	:	<b>IB 036</b>
Date of Initial Accreditation	:	20 February 2017
Date of Last Renewal	:	20 May 2020
Validity of Accreditation	:	19 May 2024

  
**(RAHESH MAHESHWARI)**  
CEO

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**16 May 2020**  
Issue Date

(Please visit [www.nabcb.qci.org.in](http://www.nabcb.qci.org.in) for update on the Scope or the Validity of Accreditation. You may also contact CEO, NABCB for any related information.)

# National Accreditation Board for Certification Bodies



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## Schedule I : Scope of Accreditation

**Karandikar Laboratories Pvt. Ltd.  
(Inspection & Training Division)**

Field of Inspection	Type and Range of Inspection	Standards / Regulations / Methods / Procedures	
		Number identification with year of publication	Title
<b>IAF Scope 19 Electrical Equipments</b> Inspection / Verification of All types of Electrical Equipment used in Hazardous areas  Inspection / Verification of All types of Electrical Installations in Hazardous areas	Inspection of Manufacturing Process & final Inspection of Electrical Products for use in Hazardous areas  Inspection of Area Classification of Hazardous Areas Installations	ISO/ IEC, ISO/EN 80079-34:2018 Edition 2.0	Explosive Atmospheres: Application of Quality Systems for Equipment Manufacture. Customer specification / QAP
		IEC 60079-10-1:2015 & EN 60079-10- 1:2015 Edition 2.0	Explosive Atmospheres: Part 10-1: Classification of Areas – Explosive Gas Atmospheres
		IEC 60069-10-2:2015 & EN 60079-10- 2:2015 Edition 2.0	Explosive Atmospheres: Part 10-2: Classification of Areas – Explosive Dust Atmospheres
		IS 5572, 2009 (Reaffirmed year 2018)	Classification of Hazardous Areas (Other than Mines) having Flammable Gases and Vapours for Electrical Installations

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	Inspection of: Design of Electrical Installations in Hazardous areas	IP 15 :2015	Area classification code for installations handling flammable fluids
		API RP 500 (2012)	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Division I and Division 2,
		API RP 505 (2018)	Recommended Practice for Classification of Locations for Electrical Installations at Petroleum Facilities Classified as Class I, Zone 0, Zone 1, and Zone 2
		IS/IEC 60079-14:2013 Edition 5.0, EN 60079-14: 2013	Explosive Atmospheres: Electrical Installations Design, Selection & Erection

  
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		Number identification with year of publication	Title
	Selection of Electrical Equipment in Installations Hazardous areas	IS 16724 :2018	Explosive Atmospheres — Electrical Installations Design, Selection and Erection
	Erection of Electrical Installations in Hazardous areas	ATEX Directives No. 2014/34/EU, 99/92/EC (2014)	Directive 2014/34/EU of the European Parliament and of the Council of 26th February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (recast)
	Inspection of Electrical Installations in Hazardous areas * Visual Inspection * Close Inspection * Detailed Inspection	IS/IEC 60079- 17:2013  IEC 60079-17:2013  EN 60079-17 : 2013  AS/NZS 2290.1-2014	Explosive Atmospheres – Part 17: Electrical Installations Inspection and Maintenance   Electrical equipment for Coal Mines – Introduction, Inspection & Maintenance (Australia and New Zealand)

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		Number identification with year of publication	Title
		IS 4051:1967 (Reaffirmed Year: 2016)	Code for Practice for Installation and maintenance of Electrical Equipment in Mines.
		ATEX Directives No. 2014/34/EU, 99/92/EC (2014)	Directive 2014/34/EU of the European Parliament and of the Council of 26th February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (recast)
	Inspection of Electrical Equipment during and after Installations in Hazardous Areas (restricted to hazardous area only)	GSR 612(E) 27 Aug 2008 as amended from time to time	Ministry of Environment & Forest notification

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Field of Inspection	Type and Range of Inspection	Standards / Regulations / Methods / Procedures	
		Number identification with year of publication	Title
IAF Scope 26 Gas Supply		Requirements as per PNGRB Regulations 2016- Infra T4S/LNG/05 (For electrical equipment safety integrity in hazardous area only)	PNGRB Technical Standards and Specifications including Safety Standards for LNG Regulation 2008

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**INSPECTION BODY**

## Schedule II : Office(s) under Accreditation

**Karandikar Laboratories Pvt. Ltd.  
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Sl. No.	Office(s)	Address	Key activities performed
1	Main office	Gat No. 142, Boisar Chilhar Road, Opp. Union Park, At Betegaon, Boisar (E), Tal. Palghar – 401501, India	Top management functions, quality management system functions, administration & accounts, other key activities as applicable to main office.  Inspection contract review, Inspection planning & execution, Inspection personnel authorization & assignment, Issue of inspection reports / certificates.

  
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