



National Accreditation Board for Certification Bodies



Accreditation Certificate

NABCB

hereby confirms that

Certification Engineers International Ltd.

D- 101-106, 1st Floor, ITC, CBD Belapur Station
Complex, Navi Mumbai 400614, Maharashtra, India

complies with

NABCB Accreditation Criteria for Inspection Bodies

(ISO/IEC 17020:2012)

as Type 'A' Inspection Body

to carry out

Inspection

as per accompanying

Schedule I : Scope of Accreditation

Schedule II : Office(s) under Accreditation

Accreditation Certificate No.:	IB 007
Date of Initial Accreditation	: June 20, 2011
Date of Last Renewal	: June 20, 2022
Validity of Accreditation	: June 19, 2026

June 20, 2022
Issue Date

(Rajesh Maheshwari)
Chief Executive Officer

(Please refer www.nabcb.qcin.org.in for validity of the certificate or contact NABCB for any related queries)



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Schedule I

(Scope of Accreditation)

Certification Engineers International Ltd.

Type 'A' Inspection Body

IAF Scope / Field of Inspection and Specific Item(s)	Stage and Range of Inspection(s)	Inspection Requirement(s) Standards / Regulations / Methods / Procedures	
		Number identification with year of publication	Title
IAF Scope 17a Basic metals Products Structural Shapes - Plates, Coils, Bars, Rods, Sections, Wires Ferrous Alloys, structural Steels, Precious metals, Ferrous & Non-ferrous & alloy metal	Stage-wise/Final Inspection	IS 277:2018 IS 1730: 1989, Reaffirmed 2019 IS 2062: 2011, Reaffirmed 2016 ASME Section II, 2021 ASTM- A234/A234M, 2019 ASTM-A403/A403M, 2020 ASTM -A106/A106M, 2019 ASTM -A312/A312M, 2021 EN 10025 Part 1 to 5, 2019	Galvanized Steel Strips and Sheets (Plain & Corrugated)- Specification Dimensions for steel plates, sheets strips and flats for general engineering purposes Hot Rolled Medium and High Tensile Structural Steel ASME Boiler and Pressure Vessel Code Standard Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Moderate and High Temperature Service Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings Standard Specification for Seamless Carbon Steel Pipe for High- Temperature Service Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes Structural Steel
	Stage-wise/Final Inspection	ASTM A193/A193M, 2020	Standard Specification for Alloy- Steel and Stainless Steel Bolting for High Temperature or High Pressure

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		Number identification with year of publication	Title
		ASTM A194/A194M, 2020	Service and Other Special Purpose Applications Standard Specification for Carbon Steel, Alloy Steel, and Stainless Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both
IAF Scope 17b Fabricated metal products Metal structures	Stage-wise/Final Inspection	ASTM - A515/A515M, 2017 ASTM -A516/A516M, 2017 NACE MR 0175/ISO 15156 Part 1 and Part 2, 2020	Standard Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher- Temperature Service Standard Specification for Pressure Vessel Plates, Carbon Steel, for Moderate- and Lower-Temperature Service Petroleum and natural gas industries— Materials for use in H ₂ S-containing Environments in oil and gas production Part 1: General principles for selection of cracking- resistant materials Part 2: Cracking- resistant carbon and low-alloy steels, and the use of cast irons
Fabrication of tanks, reservoirs, pressure vessels, columns.	Stage-wise/Final Inspection	ASME Sec. VIII, Sec. V, Sec. IX, 2021 API 620:2021	ASME Boiler and Pressure Vessel Code Design and Construction of Large, Welded, Low-pressure Storage Tanks
Heat exchanger	Stage-wise/Final Inspection	API 650:2021 TEMA standard, 2019	Welded Tanks for Oil Storage Tubular Exchanger Manufacturers Association – Standard for design & construction of Heat Exchangers

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		IS 4503:1967, Reaffirmed 2018 ASME Section VIII, 2021 ASME Section V, 2021 ASME Section IX, 2021	Shell and Tube Type Heat Exchangers Rules for Construction of Pressure Vessels Nondestructive Examination Welding, Brazing, and Fusing Qualifications
IAF Scope 18 Machine and Equipment Engines	Stage-wise/Final Inspection	ISO 3046:Part 1: 2020 ISO 3046:Part 2: 2002 ISO 3046:Part 3: 2006 ISO 3046:Part 4: 2009 ISO 3046:Part 5:2020	Reciprocating internal combustion engines -- Performance -- Part 1: Declarations of power, fuel and lubricating oil consumptions, and test methods -- Additional requirements for engines for general use Reciprocal internal combustion engines -- Performance -- Part 2: Test methods Reciprocating internal combustion engines -- Performance -- Part 3: Test measurements Reciprocating internal combustion engines -- Performance -- Part 4: Speed governing Reciprocating internal combustion engines -- Performance -- Part 5: Torsional vibrations
Turbines (including Installation, maintenance and repair services of engines and turbines, except	Stage-wise/Final Inspection	API 616:2011	Gas Turbines for the Petroleum, Chemical, and Gas Industry Services

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aircraft, vehicle and cycle engines)	Stage-wise/Final Inspection	API 611:2019	General Purpose Steam Turbines for Petroleum, Chemical, and Gas Industry Services
		API 612:2020	Petroleum Petrochemical and Natural Gas Industries—Steam Turbines—Special-Purpose Applications
Pumps and compressors of all types		API 610:2021	Centrifugal Pumps for Petroleum, Petrochemical and Natural Gas Industries
	Stage-wise/Final Inspection	API 617:2016	Axial and Centrifugal Compressors and Expander Compressors
Hydraulic pneumatic Power engines and motors, Pressure- reducing, control, check and safety valves, cock valves etc.		API 526:2018	Flanged Steel Pressure-Relief Valves
		API 600:2021	Steel Gate Valves—Flanged and Butt-Welding Ends, Bolted Bonnets
	Stage-wise/Final Inspection	ASME B16.34, 2020	Valves Flanged, Threaded, and Welding End
Derricks, crane, mobile lifting frames, straddle carriers and works trucks fitted with a crane, lifting and handling equipment		ASME Section VIII, 2021	ASME Boiler and Pressure Vessel Code
		IS 3177: 2020	Code of Practice for Electric Overhead Travelling Cranes and Gantry Cranes other than Steel Work Cranes
	Stage-wise/Final Inspection	IS 807:2006, Reaffirmed 2020	Design, erection and testing (structural portion) of cranes and hoists
Air conditioning machines Refrigeration and freezing equipment and heat pumps , except household type equipment Non-		IS 4573: 2020	Specification for Power Driven Mobile Cranes
		IS 7613:1975, Reaffirmed 2017	Method of testing panel type air filters for air conditioning and ventilation purposes

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domestic cooling and ventilation equipment			
IAF Scope 19a Electrical Equipment Motors	Stage-wise/Final Inspection	IS 12066:1987, Reaffirmed 2019 IS 4029:2010, Reaffirmed 2016 IS 12065:1987, Reaffirmed 2019 IS 12075:2008, Reaffirmed 2018 IS 12615:2018 IEC 60079:2017	Three-phase Induction Motors for Machine Tools Guide for Testing Three Phase Induction Motors Permissible limits of noise level for rotating electrical machines Mechanical Vibration of Rotating Electrical Machines with Shaft Heights 56 mm and Higher - Measurement, Evaluation and Limits of Vibration Severity Line Operated Three Phase a.c. Motors (IE CODE) "Efficiency Classes and Performance Specification Explosive atmosphere Standards
DG Set	Stage-wise/Final Inspection	ISO 3046:Part 1:2020 ISO 3046:Part 3:2006 ISO 3046:Part 4:2009 ISO 3046:Part 5:2020 IS/ISO 8528, Part 1, 2&5, 2018, Part 3, 4, 6: 2005, Reaffirmed 2019 Part 7 & 9, 2017 Part 8, 2016 Part 10:1998 reaffirmed 2019	Reciprocating internal combustion engines Declarations of power, fuel and lubricating oil consumptions, and test methods -- Additional requirements for engines for general use Test measurements Speed governing Torsional vibrations Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets

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Transformer	Stage-wise/Final Inspection	Part 12:1997 reaffirmed 2019	AC Generators Driven by Reciprocating Internal Combustion Engine Part 1 Rated Up To 20 Kva and Part 2 Rated Above 20 Kva and upto 1250 Kva Power Transformer General Temperature-rise Insulation Levels, Dielectric Tests and External Clearances in Air Terminal marking, tapping's and connections Ability to Withstand Short Circuit Reactors Loading Guide for Oil-Immersed Power Transformers Applications guide Determination of sound levels Dry-Type Transformer Loading Guide for Dry-type Power Transformers Liquid-Immersed Power Transformers Using High- Temperature Insulation Materials Gas-Filled Power Transformers Transformers for Wind Turbine Applications
		IS 13364:Part 1 & 2, 1992, Reaffirmed 2018	
		IS 2026:Part 1: 2011, Reaffirmed 2016	
		IS 2026:Part 2: 2010, Reaffirmed 2020	
		IS 2026:Part 3:2018	
		IS 2026:Part 4: 1977, Reaffirmed 2016	
		IS 2026:Part 5:2011, Reaffirmed 2016	
		IS 2026:Part 6:2017	
		IS 2026:Part 7: 2009 Reaffirmed 2019	
		IS 2026:Part 8, 2009 Reaffirmed 2019	
		IS 2026:Part 10:2009 Reaffirmed 2019	
		IS 2026:Part 11:2021	
		IS 2026:Part12: 2018	
		IS 2026:Part 14: 2018	
		IS 2026:Part 15:2018	
		IS 2026:Part 16:2018	

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Wires and cable	Stage-wise/Final Inspection	IS 2026:Part 18:2018 IS 335:2018 IS 11171:1985 Reaffirmed 2016 IS 694:2010, Reaffirmed 2020	Measurement of Frequency Response New Insulating Oils — Specification (Fifth Revision) Dry-Type Power Transformers
	Stage-wise/Final Inspection	IS 1554:Part 1, Part 2, 1988, Reaffirmed 2020 IS 5831:1984, Reaffirmed 2016 IS 7098:Part 1:1988, Reaffirmed 2020 IS 7098:Part 2:2011, Reaffirmed 2016 IS 7098:Part 3:1993, Reaffirmed 2019 IS 8130:2013 Reaffirmed 2018 IS 8623:Part 2:1993	Polyvinyl Chloride Insulated Unsheathed--And Sheathed Cables/ cords With Rigid And--Flexible Conductor For Rated Voltages--Up To And Including 1100 V PVC insulated (heavy duty) electric cables PVC insulation and sheath of electric cables Crosslinked polyethylene insulated PVC sheathed cables For working voltage upto and including 1 100 V for Working Voltages from 3.3 kV up to and Including 33 kV For working voltages from 66 kV upto and including 220 kV Conductors for Insulated Electric Cables and Flexible Cords Low-voltage Switchgear and Controlgear Assemblies
Electrical switching circuits / boards Distribution Control panels	Stage-wise/Final Inspection	IS 13703:Part 2: Sec1:1993, Reaffirmed 2019 IS/IEC 60255:Part 1:2009 (Reaffirmed Year : 2020) IS 12021:2015	Low-voltage fuses for voltages not exceeding 1000 V AC or 1500 V DC Measuring Relays and Protection Equipment Control Transformers for Switchgear and Controlgear for Voltages Not Exceeding 1000 V a.c. - Specification

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Lead acid accumulators	Stage-wise/Final Inspection	IS 9124:1979, Reaffirmed 2016 IS 8686:1977 Reaffirmed 2016 IS 7372:1995 Reaffirmed 2017 IS 1651:2013 Reaffirmed 2018 IS 1652: 2013 Reaffirmed 2019 IS 6304:1992, Reaffirmed 2017 IS 8320:2000, Reaffirmed 2020	Guide for maintenance and field testing of electrical relays Static protective relays Lead-acid storage batteries for motor vehicles Stationary cells and batteries, lead-acid type (with tubular positive plates) Stationary Cells and Batteries, Lead-Acid Type with Plante Positive Plates Stationary batteries lead-acid type with pasted positive plates General Requirements and Methods of Tests for Lead-acid Storage Batteries
Capacitors, Reactors	Stage-wise/Final Inspection	IS 15549: 2005, Reaffirmed 2020 IEC 60896: 2004 IS 13925:Part 1:2012, Reaffirmed 2017 IS 13925:Part 2:2002, Reaffirmed 2017 IS 13925:Part 3:2002, Reaffirmed 2017 IS 13925:Part 4, 2013, Reaffirmed 2018 IS 2026: Part 6:2017	Stationary Regulated Lead Acid Batteries Stationary lead-acid batteries Shunt Capacitors For Ac Power Systems Having A Rated Voltage Above 1000 V-General Endurance Testing Protection of Shunt Capacitors and Shunt Capacitor Banks Internal Fuses Reactors

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IAF Scope 26 Gas Supply -NGPL with item 26A(iii) of NABCB Sub-sector categorization document BCB 503(O&G) Gas Supply -CGD With item 26B(iii) of NABCB Sub-sector categorization document BCB 503(O&G) Gas Supply -NGPL with item 26-C (i) of NABCB Sub-sector categorization document BCB 503(O&G) Gas Supply -CGD with item 26-C (ii) of NABCB Sub-sector categorization document BCB 503(O&G)	 Stagewise /In-service Stagewise /In-service In-service In-service	 PNGRB's GSR 808(E) dated 11.11.2009 along with latest amendments, national/ international standards mentioned therein and relevant statutes PNGRB's GSR 612(E) dated 27.08.2008 along with latest amendments, national/ international standards mentioned therein and relevant statutes PNGRB's Notification No. Infra/NGPL/1/2010 dated 05.11.2012 along with national/ international standards mentioned therein and relevant statutes PNGRB's Infra/IMP/CGD/1/2013 dated 16.05.2013 along with national/ international standards mentioned therein and relevant statutes	 PNGRB's "Technical Standards and Specifications including Safety Standards for Natural Gas Pipelines" Regulations, 2009 PNGRB's "Technical Standards and Specifications including Safety Standards for City or Local Natural Gas Distribution Network" Regulations, 2008 PNGRB's "Integrity Management System for Natural Gas pipelines" Regulations 2012 PNGRB's "Integrity Management System for City or Local Natural Gas Distribution Network" Regulations, 2013
IAF Scope 34 Emergency Response & Disaster Management Plan (ERDMP) with item 34(ii) of NABCB Sub-	 In-Service	 GSR 39 (E), year 2010 with amendment 2020 along with national/ international standards	 PNGRB's Codes of Practices for Emergency Response and Disaster Management Plan (ERDMP) Regulations -2010

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sector categorization document BCB 503(O&G): Entire downstream areas as applicable under item-3 of ERDMP Regulation		mentioned therein and relevant statutes	

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Schedule II

(Office(s) under Accreditation)

Certification Engineers International Ltd.

Location	Address	Key activities performed
Mumbai (Main Office)	D- 101 –106, 1st Floor, ITC, CBD Belapur Station Complex, Navi Mumbai- 400614, Maharashtra, India	Top management functions, quality management system functions, administration & accounts, other key activities. Inspection contract review, Inspection planning & execution, Inspection personnel authorization & assignment, Issue of inspection reports / certificates.

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