



REACCREDITATION for : Inspection

Part - I

GENERAL INFORMATION

Name of Inspection Body

TUV India Pvt. Ltd., Industrial Services Division - Industrial Services Division

Division

Industrial Services Division

Type of Inspection Body

A

Address of Main Office

Address 1:	Address 2:	Country:	State:	City:	Pin:
801, 803, 804, 805, Raheja Plaza L, 8th Floor,	LBS Marg, Ghatkopar (West),	India	Maharashtra	Mumbai	400086

Address of Registered Office

Address 1:	Address 2:	Country:	State:	City:	Pin:
801, 803, 804, 805, Raheja Plaza I, 8th Floor,	LBS Marg, Ghatkopar (West),	India	Maharashtra	Mumbai	400086

Contact Details

Phone:	Alternate Phone No:	Mobile:	E-mail:	Web:
91-22-66477000	91--	91-9538274315	kpraveen@tuv-nord.com	www.tuv-nord.com/in

Branch Office(s)

Location	Office Address	Phone	E-mail	Local Contact Person's Name	Local Contact Person's Designation	Activities Performed
MUMBAI	TUV India Private Limited 801,803, 804, 805, Raheja Plaza I, 8th Floor,LBS Marg Ghatkopar (West), Mumbai -400086, Maharashtra, India	9820702349	amits@tuv-nord.com	Mr.Amit Naik	AVP	Administrative, QMS implementation and review, Business Review and Decisions, HR Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power and steel, renewables, railways, infrastructure, buildings, cargo inspection of petroleum, chemical and gas and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 3,4,12,17, 18, 19,22, 25, 26, 28, 29, 39
AHMEDABAD	906 - A & 404 - B, Pinnacle Business Park, Corporate Road, Near Prahlad Nagar, Garden Cross Roads, Satellite, Ahmedabad - 380015, Gujarat, India	9825184480	Samir@tuv-nord.com	Mr. Samir Desai	AGM	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 26, 28
VADODARA	307 To 310, Notus IT Park, Sarabhai Campus, Near Genda Circle, Vadodara - 390023, Gujarat, India	9825566702	kreddy@tuv-nord.com	Mr. Reddy, K.V.P	VP	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 26, 28.
PUNE	TUV India House Survey No - 42, 3/1 & 3/2 SUS, Taluka: Mulshi, Pune - 411021, Maharashtra, India	9423569802	hiremath@tuv-nord.com	Mr.Jayaprakash Hiremath	VP	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 26, 28.
NOIDA	First floor, B-3, Sector-7, Gautambudh Nagar Noida – 201 301 Uttar Pradesh.	8470039455	skmallik@tuv-nord.com	Mr. S K Mallik	GM	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 03, 04, 12, 17, 18, 19, 22, 26

						19, 20, 28,
KOLKATA	4th Floor, Besides Simplex House, A/27 Shakespeare Sarani Kolkata – 700 017 West Bengal, India	9830682265	sharma@tuv-nord.com	Mr.Sanjay Sharma	AGM	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 26, 28
CHENNAI	2nd Floor & 5th Floor, Dhun Building, #827, Anna Salai, Chennai - 600002, Tamil Nadu, India	9952034626	ismadhavan@tuv-nord.com	Mr. I S Madhavan	AGM	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel, renewables, railways, infrastructure, buildings and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 22, 25, 26, 28, 29, 39.
BANGALORE	116, Ground Floor, West Off Chord Road, 1st Block, 2nd Stage, Rajaji Nagar, Bangalore - 560086, Karnataka, India	9849559881	raghavendran@tuv-nord.com	Mr.Raghavendra Shanmugam	Sr. Manager	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 26, 28.
COIMBATORE	Classic Tower Office No. IIA, 2nd Floor 1547, Trichy Road Coimbatore – 641018 Tamil Nadu, India	9894698611	sajeesh@tuv-nord.com	Mr. K S, Sajeesh	DGM	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 26, 28.
HYDERABAD	304 & 304 A, 3rd Floor, Ashok Bhoopal Chambers, S.P. Road, Secunderabad -500003, Telangana, India	9849559881	ravinder@tuv-nord.com	Mr. B Ravinder	Sr. Manager	Inspection and certification services for industrial products, plants and equipment for refinery, petrochemical, power & steel and other similar industrial sectors excluding certification services for management systems. IAF Scopes- 17, 18, 19, 26, 28.

Legal Registration Details

Status:	Registration No:	Date of Registration:	Registration Authority:	Place of Registration:	Registration Document:
Private Limited Company	U74140MH1989PTC052930	08-08-1989	Registrar of companies, Ministry of corporate affairs	Mumbai, Maharashtra	-

Chief Executive

Name:	Designation:	Email:	Mobile:
Mr. Manish Bhuptani	MD	manish@tuev-nord.de	91-9198332823

Primary Contact Person

Name:	Designation:	Phone:	Email:	Mobile:
Mr Pravin Kherde	DGM	91-22-66477000	kpraveen@tuv-nord.com	91-9538274315

Any other NABC Accreditation held

No

Scheme Number	Validity Till

Accreditation by any other body

No

Accreditation Body Name	Acc. Scheme	Acc. Scope	Acc Number (If any)	Validity Till

Part - II	TECHNICAL INFORMATION
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Description of Scopes (Inspection Body)

Type Of Scope	IAF Scope Sector Classification Code	Inspection Field and specific Item(s)	Stage and Range of Inspection(s)	Inspection requirement(s) [Standards / Regulations / Methods/ Procedures]		Office(s) where competence for each scope exists
				Number identification with year of publication	Title	
				IS: 2491:2013 Reaffirmed 2018	Food Hygiene – General Principles – Codes of Practice	
				IS: 1165:2002 Reaffirmed 2018	Milk Powder– Specification	
				IS: 1166:1986 Reaffirmed 2018	Specification for condensed milk, partly skimmed milk and skimmed condensed milk	

IAF Scope 03	Food & food products	Inspection of a lot, Inspection of processes, sampling	IS: 1656:2007 Reaffirmed 2018	Milk-cereal based complementary foods – Specification
			IS: 11536:2007 Reaffirmed 2012	Processed-cereal based complementary foods – Specification
			IS: 11546:2012 Reaffirmed 2018	Milk and milk products – Guidance on Sampling
			IS:13334 Part 1:2014 Reaffirmed 2019	Skimmed milk powder – Specification – Part 1 Standard Grade
			IS:13334 Part 2 :2014 Reaffirmed 2019	Skimmed milk powder – Specification – Part 1 Extra Grade
			IS 14433:2007 Reaffirmed 2018	Infant milk substitutes – Specification
			IS 15757:2007 Reaffirmed 2018	Follow-up formula – complementary foods – Specification
		In-process and Final Inspection	IS 14543: 2016	Packaged drinking water
			IS 13428:2005 Reaffirmed 2018	Packaged Natural Mineral Water Or equivalent to the above standard Or as per Client PO, Specifications, Requirements for above mentioned products
IAF Scope 04	Textiles & textile products Inspection of Yarn, Fabric, Garments and Made-ups	Final Quality Inspection of Lot, Final Inspection	ISO 2859 - 1: 1999 (E)	Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection
	Mask for Nose and Mouth Protection		ANSI/ASQ Z1.4 2003 (R2018) or ISO 2859 or equivalent to the above standard	Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection. TUV Procedure As per Client PO, Specifications, Requirements for above mentioned products
IAF Scope 12	Chemical and Chemical Products	Final Inspection of Lot, Quality Inspection of manufacturing process as per BIS requirements, Witness of Sample Testing, Review of Test Reports	Applicable BIS Scheme requirements for Factory Inspection" for following products: IS 252:2013	Caustic Soda –Specification
			IS 10116 : 2015	Boric Acid – Specification
			IS 15573 : 2018	Poly Aluminum Chloride
			IS 695 : 2020	Acetic Acid
			IS 2833:2019	Aniline
			IS 517 : 2020	Methanol
			IS 5158 : 1987	Specification for Phthalic Anhydride, Technical
			IS 8058 : 2018	Pyridine
			IS 16113 : 2013	Gamma Picoline
			IS 16112 : 2013	Beta Picoline
			IS 12084 : 2018	Morpholine
			IS 297 : 2001	Sodium Sulphide, Technical
			IS 7129 : 1992	Potassium Carbonate, Anhydrous
			IS 170 : 2004	Acetone
			IS 4581: 1978	Phosphorous Trichloride, pure and Analytical Reagent
			IS 11744:1986	Phosphorous Pentachloride, Technical
			IS 11657:1986	Phosphorous Oxychloride, Technical
			IS 2080:1980	Stabilized Hydrogen Peroxide
			IS 3205:1984	Precipitated Barium Carbonate, Technical
			IS 12928:1990	Precipitated Barium for Ceramic and Glass Industry
			IS 4505:2015	Sodium Formaldehyde Sulphonylate
			IS 6100:1984	Sodium Tripolyphosphate, Anhydrous, Technical
			IS 14709:1999	n- Butyl Acrylate
			IS 336:1973	Ether
			IS 5295:1985	Ethylene Glycol
			IS 537:2011	Toluene
			IS 15030:2001	Terephthalic Acid
Basic metals– Ferrous & Non Ferrous alloys,Steels in the shape of Billets, Blooms, Slabs.Raw materials in the form of plates, structural shapes, Castings, Cast Steel Pipes Forgings, pipes, rolled sections, Bars in different shapes, Line pipes, tubes, flang	Stage-wise/Final inspection	ASTM Section 1 – Iron & Steel Products	-	
			Volume 01.02 -2019	Ferrous Castings; Ferroalloys
			Volume 01.01 -2019	Steel--Piping, Tubing, Fittings
			Volume 01.03 -2019	Steel--Plate, Sheet, Strip, Wire; Stainless Steel Bar
			Volume 01.04 -2019	Steel--Structural, Reinforcing, Pressure Vessel, Railway
			Volume 01.05 -2019	Steel--Bars, Forgings, Bearing, Chain, Tool
			Volume 01.06 -2019	Coated Steel Products
			ASME section II Part A -2019	Ferrous Material Specifications.
			ASME section II Part B-2019	Non-Ferrous Material Specifications.
			IS 2062-2011	Specification for structural Steel
			IS 1239-2011	Steel tubes & Tubulars

		IS 3589-2001	Steel Pipes for water & sewage	
	Welding consumables	ASME Section II Part C-2019	Specifications for welding rods, electrodes and filler metals.	
		ASME Section I -2019	Rules for Construction of Power Boilers	
		Section III -2019	Rules for Construction of Nuclear Facility Components	
		Section IV-2019	Rules for Construction of Heating Boilers.	
		Section V-2019	Non-destructive Examination	
		Section VIII-2019	Rules for Construction of Pressure Vessels• Division 1• Division 2 — Alternative Rules• Division 3 — Alternative Rules for Construction of High-Pressure Vessels	
		Section IX-2019	Welding, Brazing, and Fusing Qualifications	
		Section X-2019	Fiber-Reinforced Plastic Pressure Vessels	
		IS 2825-2017	Code for unfired pressure vessels	
		PD 5500-2019	Specification for unfired fusion welded pressure Vessels	
		Or equivalent to the above standards e.g.	Unfired Pressure Vessel_x000D_ Water tube boilers Standards_x000D_ Shell boilers	
IAF Scope 17b	Pressurized & Unpressurized Vessels, Strainers, Steam Traps, Expansion Bellows, Flame arrestors, Demister Pads, Tower internals, Flare stacks, Chimneys, Gas cylinders	Design appraisal, Stage-wise/Final inspection	EN 13445-2018_x000D_ EN 12952-2016	Gas-loaded accumulators for fluid power applications
	Heat Exchangers		EN 12953-2012_x000D_ EN 14359-2017_x000D_ Lx000D_ AD 2000-Till 2019Or equivalent to the above standards	European Pressure Equipment Directive
	Storage Tanks		TEMA 9th Edition	Tubular exchangers manufacturers association
	Welded Structures for Onshore and Offshore Purpose,		API 620-2018	Design & construction of large welded low pressure tanks
	Piping fabrication, installation & testing		API 650-2018	Welded tanks for Oil Storage
			API 653-2018	Tank Inspection, Repair, Alteration, and Reconstruction
			AWS D 1.1-2015	Structural welding code – Steel
			ASME B 31.1-2018	Power Piping
			ASME B 31.3-2018(Or equivalent to the above standards e.g. EN 13480, API 1104)	Process Piping(Pipelines)
	Turbines	Stage-wise/Final inspection	API 616 -2011	Gas Turbines for Refinery Services
			API 611 -2014	General Purpose Steam Turbines for Petroleum, Chemical, and Gas Industry Services
			API 612 -2014	Petroleum, Petrochemical and Natural Gas industries- Steam Turbines- Special Purpose Applications.
	Centrifugal and Reciprocating Pumps	Design appraisal, Stage-wise/Final inspection	API 610 -2011 & IS 5120-1977	Centrifugal Pumps
			API 674-2016	Reciprocating pumps
			API 675-2014	Positive Metering pumps
	Compressors	Stage-wise/Final inspection	API 618-2016	Reciprocating compressors
	Axial fans, Centrifugal Fans,	Design appraisal, Stage-wise/Final inspection	AMCA 210-2010	Testing of Fans
	Blowers,		API 613-2007	Special Purpose Gear Units for Refinery Services
	Gear boxes		API 677-2016	General Purpose Gear Units for Refineries Services
	Calibration of measuring & testing equipment,		IS 1828 Part I-2015	Calibration of UTM
			IS 1586 Part II-2012	Calibration of Rockwell Hardness testing machine
			IS 3766-1977	Calibration of charpy impact testing machine
	Dryer units	Stage-wise/Final inspection		
	Domestic appliances(Electric & non electric),	Final inspection	-	Approved drawings, datasheets, PO specs, PR, Mfr's catalogue
	HVAC systems,	Stage-wise/Final inspection		
	Diesel Generators	Final inspection	ISO 8528-1/ISO 3046-1-2018	Reciprocating IC engine driven alternating current generating sets/Performance testing of DG sets
	Industrial mixers,Agitators	Design appraisal, Stage-wise/Final inspection	-	Approved drawings, datasheets, PO specs, PR, Mfr's catalogue
IAF Scope 18	Cooling tower package	Stage-wise/Final inspection	BS ISO 16345:2014	Water-cooling towers -- Testing and rating of thermal performance
	All types of Cranes, Other lifting equipment and accessories,	Design appraisal, Stage-wise/Final inspection	IS 14470-1997, Reaffirmed -2013	Cranes – Test code & procedures,
			FEM 1.001- 1998	Rules for the Design of Hoisting Appliances
	Conveyor systems. Machine Tools.	Stage-wise/Final inspection	-	Approved drawings, datasheets, PO specs,

			PR, Mfr's catalogue
	FRP pressure vessels & tanks	Design appraisal, Stage-wise/Final inspection	specification for the design and construction of vessels and storage tanks in reinforced plastics
	Rotors	ISO 1940-1-2003	Mechanical vibration – Balance quality requirements for rotors in a constant (Rigid)state
	Gratings	ANSI/NAAMM MBG531-2009	Metal Bar Grating Manual
	All types of valves	Design appraisal, Stage-wise/Final inspection API SPEC 6D-2017 API 526-2018 API 527-2014 ANSI/API STD 594-2017 API 598-2016 ANSI/API599-2013 ANSI/API 600-2015 API 602-2015 ANSI/API603-2018 ANSI/API 607-2016 API 609-2016 API 6FA-2018 ANSI/API574-2016 ANSI/API 576-2017 ANSI/API 608-2012 Or equivalent to the above standards	Inspection and testing of valves
	Heaters	Design appraisal, Stage-wise/Final inspection ASME B 16.34, EN 12516-2017	-
	HT & LT motors	API 560-2016_x000D_ Or equivalent to the above standards IEC 60034-2017 IS 4029-2010, Reaffirmed 2016	Fired Heaters for General Refinery Service Rotating Electrical machines Guide for Testing Three Phase Induction Motors
	Transformers	IS 2026 Part 1-2011, 2-2010, 3-2009, 4-1977, 5-2011, 6-2017, 7-2008, 8-2009 IS 11171-2016 (Reaffirmed) IS 3156 Part 1 to 4-1992 Reaffirmed 2012 IS 1180 Part 1 & 2-2014 IS 12021-2015	Power Transformers Dry type power transformers Voltage Transformers Outdoor type three-phase distribution transformers. Control Transformers for Switchgear and Control gear for Voltages not Exceeding 1 000 V ac
	Insulated wires & cables	IS 7098 Part 1-1988, 2-2011 and 3-1993 IS 694-2010 Reaffirmed -2015 IS 1554 Part 1 & 2-1988 Reaffirmed 2015 IS 14255-1995 Reaffirmed 2015	SpecificationFor CrosslinkedPolyethylene InsulatedPVC Sheathed Cables PVC insulated cables for working. Voltages up to and including. 1100 volts PVC insulated (heavy duty) electric cables Aerial Bunched Cables for working Voltages upto and including 1100 Volts
IAF Scope 19a	Reactors	IS 5553 Part 1-1989, 2-1990, 3-1990, 4-1989, 5-1989, 6-1990, 7-1990 and 8-1990	Shunt reactors, Currentlimiting and neutral earthing reactors, Damping reactors, Tuning Reactor, Earthingtransformers(Neutral couplers) Arc suppression reactors Smoothing reactors
	Relays	IS 3231-1986 Reaffirmed -2014	Specification for electrical relays for power system protection
	Switch Gear	IS 12729/IEC 60298-2004 Reaffirmed 2014 IS 13947, IS/IEC 60947-1-1993 - Reaffirmed 2018 IS 8623-Part 1 to 3-1993 Reaffirmed 2013 IS 62271-12008 Reaffirmed 2013	HV Switch gears & Control gears LV switch gear & control gear Low-Voltage Switchgear and Control gear Assemblies High-Voltage Switchgear and Controlgear
	Variable frequency drives	IS 6297 Part 1 -1971 Reaffirmed 2017, 2-1973 Reaffirmed 2017, 3 and 4 -1972 Reaffirmed 2017 IEC 60146 Part 1 -2009 & 2-2011	Specification for Transformers and Inductors (Power, Audio, Pulse and Switching) for Electronic Equipment Semiconductor convertors
	Electrical measuring instruments	IS 1248 Part 1 to 9-2003 Reaffirmed -2018 IS 12346-1999 Reaffirmed -2014 IS 7372-1995 Reaffirmed 2012 IS 6303-2018	Direct Acting Indicating Analogue electrical measuring instruments and their accessories Testing Equipment for AC Electrical Energy Meters Lead acid batteries for motor vehicles General requirements and methods of tests for dry cells and batteries
	Accumulators, primary cells & batteries	IS 15549-2005 Reaffirmed 2015	Stationary Regulated Lead Acid Batteries

			IS 14782-2000 Reaffirmed 2015	Code of Practice for Maintenance and Testing of Large Lead Acid Batteries for Generating Stations and Substations
		Battery charger, Invertors, Convertors	IS 10918-1984 Reaffirmed 2014	Vented type nickel cadmium batteries
		Flame proof enclosures	IEC 146-2009	Rectifiers & Invertors
		Transmitters	IS 16242-2014	Uninterruptible Power Systems (UPS)
		Analyzers	IS 13314-1992 Reaffirmed 2013	Solid state invertors run from storage batteries
		Flow meters	IEC 60079-2017	Flame proof equipment
IAF Scope 19b	Industrial process control equipment (PLC, DCS, SCADA, CCTV)	Transmitters	IS 13122-2 -1991 reaffirmed 2016	Transmitters for use in industrial process control systems
		Analyzers	IS 13673-5-1999 Reaffirmed 2019	Expression of Performance of Electrochemical Analyzers
		Flow meters	IS 15672 – 2006 Reaffirmed 2017	Flow measurement of natural gas and fluids by coriolis meters
			IS 15674- 2006 Reaffirmed 2017	Flow measurement of natural gas by ultrasonic meter
			IS 15675- 2006 Reaffirmed 2017	Flow measurement of natural gas and fluid by orifice plate meters
			IEC 61511-2018	Functional safety of instrumented system for process industry
			IEC 61131- 2013	Programmable controllers
			IEEE 472- 1974	Electrical surge protection
			Approved drawings, datasheets, PO specs, PR, Mfr's catalogue, CCOE, DMRI, FM, BASSEFA, BIS standards	Instrumentation products
			FAT procedure approved by client/DEC	Industrial process Control equipment (PLC, DCS, SCADA, CCTV, Fire & Gas detection systems)
	Gas leak detectors		IS 13432-1 – 1992 Reaffirmed 2013	Gas leak detector for use with low pressure Liquefied petroleum Gas burning appliances
	Optical fiber cables		IS 13882 (Part 1/Sec 1) - 2001Reaffirmed 2016	Optical Fibres Cables, Part 1:General Specification
	Fire detection systems		IS 2189- 2008 Reaffirmed 2013	Selection, Installation and Maintenance of Automatic Fire Detection and Alarm System Code of Practice
IAF Scope 22	Other transport EquipmentManufacture of railway and tramway locomotives & rolling stock	Stage wise and finished (assembled) product (Railway Coaches) inspection, including machining, Assembly, Non-Destructive, welding inspection	-	Customer requirements in the form of approved QAP, ITP, Technical work instructions, project specifications & requirements based on National codes and Standards as mentioned below
			AIS 37:2006- 2006	Automotive Industry Standards:
			-	Procedure for Type Approval and Establishing Conformity of Production for Safety Critical Components
			IS:813 – 1986 Reaffirmed 2013	Scheme for symbols for welding
			IS:817-1966 Reaffirmed 2019	Code of Practice for training and testing of metal arc, welders
			IS:2074- 1992 Reaffirmed 2014	Ready Mixed paint, air drying, red oxide, zinc chrome priming specification
			IS:2932-2003 Reaffirmed 2014	Enamel, synthetic exterior: (a)Undercoating, (b) Finishing
			IS:3658- 1999 Reaffirmed 2014	Code of practice for liquid penetrant flaw detection,
			IS:5334- 2014	Code of Practice for magnetic particle flaw detection of welds
			IS:9595- 1996 Reaffirmed 2019	Metal arc welding of carbon and manganese steels – Recommendation
			AWS D1.1- 2015	Structural welding, Steel; Certification
			IS:7307 -1974 Reaffirmed 2019	Approval tests for welding Procedure — Fusion Welding of Steel
			ASTM A 435- 2017	Straight beam ultrasonic examination of steel plates
			IEC 62446- 1:2016 + AMD1: 2018	Photovoltaic (PV) System-Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection;
			IEC 62446- 3:2017	Part 3: Photovoltaic modules and plants - Outdoor infrared thermography
			IEC 61215- 1:2021	Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements.
			IEC 61215- 2:2021	Part 2: Test procedures
			IEC 61730- 1:2016	Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction.

		IEC 61730- 2:2016	Part 2: Requirements for testing
		IEC 62109- 1:2010	Safety of power converters for use in photovoltaic power systems - Part 1: General requirements.
		IEC 62109- 2:2011	Part 2: Particular requirements for inverters
		IEC 62817:2014 + AMD1: 2017	Photovoltaic systems - Design qualification of solar trackers
		IEC 61724- 1:2021IEC 61724- 2:2016IEC 61724- 3:2016	Photovoltaic system performance –Part 1: MonitoringPart 2: Capacity evaluation methodPart 3: Energy evaluation method
		IEC 62093:2005	Balance-of-system components for photovoltaic systems - Design qualification natural environments
		IEC 62548:2016	Photovoltaic Arrays Design requirements
		IEC TS 62738:2018	Ground-mounted photovoltaic power plants - Design guidelines and recommendations
		IEC 62817:2014 + AMD1: 2017	Photovoltaic systems - Design qualification of solar trackers
		BS 2456:1990	Specification for floats (plastics) for float operated valves for cold water services
		IEC 62446-1:2016 + AMD1: 2018	Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection
		IEC/TS 63049:2017	Terrestrial photovoltaic (PV) systems - Guidelines for effective quality assurance in PV systems installation, operation and maintenance
		IEC 61400-1:2019	Wind energy generation systems - Part 1: Design requirements
		IEC 61400-3-1:2019IEC 61400-3-2:2019	Wind energy generation systems - Part 3-Design requirements for fixed offshore wind turbines.Part 3-2: Design requirements for floating offshore wind turbines
		IEC 61400-12-1:2017IEC 61400-12-2:2013	Wind energy generation systems - Part 12Power performance measurements of electricity producing wind turbines.Part 12Power performance of electricity-producing wind turbines based on nacelle anemometry
		IEC 61400-21:2019	Wind energy generation systems - Part 21Measurement and assessment of electrical characteristics - Wind turbines
		National Electricity Act 2003	National Electricity Act 2003
		IEC 60204-1:2016	Safety of machinery - Electrical equipment of machines - Part 1: General requirements
		IEC 60204-11:2018	Safety of machinery - Electrical equipment of machines - Part 11: Requirements for HV equipment for voltages above 1 000 V a.c. or 1 500 V d.c. and not exceeding 36 kV
		IEC 61936-1:2021	Power installations exceeding 1 kV a.c. - Part 1: Common rules
		IEC 60076-1:2011	Power transformers – Part 1: General
		IEC 60947-1:2021	Low voltage switchgear and control gear- Part 1: General rules
		IS: 432-1982-1 & : 1982	Mild steel & medium tensile steel bars & hard drawn steel wire for concrete reinforcement.
		IS: 802:1:2015IS:802:2:1978IS: 802:3:1978	Code of practice for use of structural steel in overhead transmission linePart 2: Fabrication, Galvanizing, Inspection and PackingPart 3:Testing
		IS: 800:2007	General Construction In Steel - Code of Practice
		IS: 4091:1979	Code of practice for design and construction of foundations for transmission line towers and poles
		IS: 5613: Part-1:1985	Code of practice for design,
		-	Installation and maintenance of overhead power lines. Part-1 Lines up to and including 11 kV.
		IS: 5613: Part-2:1985	Part: 2 Lines above 11 kV and up to and including 220 kV
		IS: 5613: Part-3:1989	Part 3 Lines above 220 kV
		IS: 3043- 2018	Code of Practice for Earthing
		IS: 1255 -1983	Code of practice for installation and maintenance of power cables up to and

				including 33 kV rating
		IS: 7215-1974		Specification for Tolerance for Fabrication of steel structures
				Customer requirements in the form of Quality Assurance Plans, technical work instructions, Client specifications & drawings requirements based on above mentioned national & International Codes & Standards
IAF Scope 26	Gas Supply-NGPL with item 26-A (iii)	Stagewise/In-service	1)PNGRB's GSR 808(E) dated 11.11.2009 along with latest amendments, national/international standards mentioned therein and relevant statutes	1)PNGRB's "Technical Standards and Specifications including Safety Standards for Natural Gas Pipelines" Regulations, 2009
	Gas Supply –CGD with item 26-B (iii)		2)PNGRB's GSR 612(E) dated 27.08.2008 along with latest amendments, national/international standards mentioned therein and relevant statutes	2)PNGRB's "Technical Standards and Specifications including Safety Standards for City or Local Natural Gas Distribution Network" Regulations, 2008
IAF Scope 28	Site survey & infrastructure	Stage-wise/Final inspection	Client specifications	-
	Excavation, soil classification & testing, backfilling, Compaction		IS 2720 Part 1 – 28 – Reaffirmed 2016	Methods of Test for Soils
			IS 3764: 1992 Reaffirmed 2017	Code of safety for excavation work
			IS 1498: 1970 Reaffirmed 2016	Classification and identification of soils for general engineering purposes
			IS 10379– 1982 Reaffirmed 2015	Code of practice for field control of moisture and compaction of soils for embankment and subgrade
	Plain cement concrete, Reinforced cement concrete & High-performance concrete		IS 456– 2000 Reaffirmed 2016	Plain and Reinforced Concrete - Code of Practice
			IS 3935– 1966 Reaffirmed 2017	Code of practice for composite construction
			IS 13311 part 1 & 2– 1992 Reaffirmed 2013	Method of non-destructive testing of concrete
			IS 10262– 2019	Concrete Mix design
			IS 516– 1959 Reaffirmed 2013	Test for strength of concrete
			IS 9103– 1999 Reaffirmed 2013	Specification for Concrete Admixtures
			IS 4925–2004 Reaffirmed 2015	Concrete Batching and Mixing Plant
			IS 4926– 2003 Reaffirmed 2017	Code of Practice Ready-Mixed Concrete
			IS 1642-2013	Code of practice for fire safety of buildings
IAF Scope 28	Pile driving & testing	Stage-wise/Final inspection	IS 2911 Part 1 to 4– 2010 Reaffirmed 2015	Design and construction of pile
	Drainage systems		IS 1742– 1983 Reaffirmed 2017	Code of practice for building drainage
	Mechanical Electrical & Plumbing (MEP) works		IS 12251– 1987 Reaffirmed 2014	Code of practice for drainage of building basements
			IS 12183– 1987 Reaffirmed 2014	Code of practice for plumbing in multi-storied buildings
			IS 2065–1983 Reaffirmed 2017	Code of practice for water supply in buildings
			IS 732– 2019	Code of Practice for Electrical Wiring Installations
			IS 12183 – 1987 Reaffirmed 2014	Code of practice for plumbing in multi-storeyed building
			IS 3844– 1989 Reaffirmed 2015	Code of Practice for Installation and Maintenance of Internal Fire Hydrants and Hose Reels on Premises
			IS 2189– 2008 Reaffirmed 2013	Selection, Installation and Maintenance of Automatic Fire-Detection and Alarm System - Code of Practice
			National building code part IV -2016	Fire & Life Safety
			IS 3844– 1989 Reaffirmed 2015	Code of Practice for Installation and Maintenance of Internal Fire Hydrants and Hose Reels on Premises
	Bridges, Roads, pre-stressed concrete		IRC 40-2002	Standard Specifications and Code of Practice for Road. Bridges
	Dams, metro/mono rail & other massive structures		IRC 6-2017	Standard specifications and code of practice for road bridges.
	Masonry work		IS 457– 1957 Reaffirmed 2019	Code of Practice for General Construction of Plain and Reinforced Concrete for Dams and Other Massive Structures
			IS 2212– 1991 Reaffirmed 2014	Code of practice for brickworks
			IS 2572– 2005 Reaffirmed 2015	Construction of hollow and solid concrete block masonry
			IS 1905–1987 Reaffirmed 2017	Code of Practice for Structural use of Unreinforced Masonry
			IS 1641, 1642, 1643-2013	Code of practice for fire safety of building
			IS 9103– 1999 Reaffirmed 2013	Admixtures for concrete

Building Finishing works		-	Client specifications
Wholesale & retail trade: Pre-shipment Inspection and Certificate of Conformity (CoC / VoC / Col) for export.	Packaging and artwork verification, Quantity verification, Marking Verification, Visual Inspection, Measurements, Document Check.	As per Inspection Checklist, Work Instruction and Client's PO Specification as detailed in1.WI/INSP/01/VOC Rev 002. WI/INSP/02/VOC Rev 00	1. Verification of Conformity (VOC) Procedure for Egypt2.Pre shipment Inspection Work Instruction for Egypt covering the following products:Regulated Textile ProductsReady-Made Garments including accessories like scarves, handkerchiefs, hats, gloves, etc.
Petroleum, Chemical and Gas Cargo Inspection	-	-	-
Break Bulk Dry Cargo Inspection of Purified perthalic Acid (PTA), Polypropylene (PP), Ammonia, PVC Resin Bags)	Import Export Cargo Inspection - Break Bulk Dry Cargo Import / Export	WI - 01/PCG/BBDC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection of Import & Export Cargo Inspection – Break Bulk Dry Cargo Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
Cargo Inspection of Break Bulk : Petroleum (Petrol, Diesel, Naphtha, Fuel Oil, Kerosene, Light Diesel Oil (LDO), Aviation Turbine Fuel (ATF), Crude Oil, Reformate)		WI - 02/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling Import & Export Break Bulk Liquid Cargo – Products Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
Sampling of Break Bulk : Petroleum (Petrol, Diesel, Naphtha, Fuel Oil, Kerosene, Light Diesel Oil (LDO), Aviation Turbine Fuel (ATF), Crude Oil, Reformate)		WI - 02/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling Import & Export Break Bulk Liquid Cargo – Products Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
Cargo Inspection of Break Bulk Petrochemical (of Toluene, Benzene, Para-xylene,Acetone, Mix-xylene, Methanol, Ethyl Alcohol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, n- Butene).		WI - 03/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Break Bulk Liquid Cargo – Petrochemicals Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
Sampling of Break Bulk : Petrochemical (of Toluene, Benzene, Para-xylene,Acetone, Mix-xylene, Methanol, Ethyl Alcohol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, n- Butene).	Import Export Cargo Inspection - Break Bulk Liquid Cargo Import / Export	WI - 03/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Break Bulk Liquid Cargo – Petrochemicals Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
Cargo Inspection of Break Bulk : Chemical (of Sulphuric Acid, Phenol, Mono Ethyle Glycol, DI- Chloromethane, Styrene Monomer, Butyl Acrylate, Phosphoric Acid, Propylene Glycol Industrial, Nitric Acid, Acetic Acid, N- butanol, Analine Oil, Lauryl Alcohol,		WI - 03/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Break Bulk Liquid Cargo – Petrochemicals Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
Sampling of Break Bulk : Chemical (of Sulphuric Acid, Phenol, Mono Ethyle Glycol, DI- Chloromethane, Styrene Monomer, Butyl Acrylate, Phosphoric Acid, Propylene Glycol Industrial, Nitric Acid, Acetic Acid, N- butanol, Analine Oil, Lauryl Alcohol, Alfa Oli		WI - 03/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Break Bulk Liquid Cargo – Petrochemicals Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
Cargo Inspection of Break Bulk : Edible Oil/Base Oil (of Refine blend Palm Oil (RBD), Crude Sunflower Oil (CSFO), Crude Degummed Soyabean Oil (CDSBO), Ultra – 2/3/4/6/8, SK70N,		WI- 05/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export Break Bulk Liquid Cargo – Oils Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management

	150N, 500N, 500S, BS150, H150).		Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
	Sampling of Break Bulk : Edible Oil/Base Oil (of Refine blend Palm Oil (RBD), Crude Sunflower Oil (CSFO), Crude Degummed Soyabean Oil (CDSBO), Ultra – 2/3/4/6/8, SK70N, 150N, 500N, 500S, BS150, H150).		WI- 05/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export Break Bulk Liquid Cargo – Oils
			WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Cargo's Handling Procedure
			WI - 14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction of Job File Management
			WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
IAF Scope 29a	Cargo Inspection of Break Bulk : Petroleum (Petrol, Diesel, Naphtha, Fuel Oil, Kerosene, Light Diesel Oil (LDO), Aviation Turbine Fuel (ATF), Crude Oil, Reformate, Jet A1)	Import Export Cargo Inspection - ISO Container Cargo Import / Export	WI- 07/PCG/ICC/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export ISO Container
	Sampling of Break Bulk : Petroleum (Petrol, Diesel, Naphtha, Fuel Oil, Kerosene, Light Diesel Oil (LDO), Aviation Turbine Fuel (ATF), Crude Oil, Reformate, Jet A1)		WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Cargo's Handling Procedure
			WI - 14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction of Job File Management
			WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
			WI- 07/PCG/ICC/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export ISO Container
			WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Cargo's Handling Procedure
			WI - 14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction of Job File Management
			WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
			WI- 07/PCG/ICC/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export ISO Container
			WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Cargo's Handling Procedure
	Cargo Inspection of Break Bulk Petrochemical (of Toluene, Benzene, Para-xylene, Acetone, Mix-xylene, Methanol, Ethyl Alcohol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, n-Butane).		WI - 14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction of Job File Management
	Sampling of Break Bulk Petrochemical (of Toluene, Benzene, Para-xylene, Acetone, Mix-xylene, Methanol, Ethyl Alcohol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, n-Butane).		WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
	Cargo Inspection of Break Bulk : Chemical (of Sulphuric Acid, Phenol, Mono Ethyle Glycol, Di- Chloromethane, Styrene Monomer, Butyl Acrylate, Phosphoric Acid, Propylene Glycol Industrial, Nitric Acid, Acetic Acid, N-butanol, Analine Oil, Lauryl Alcohol,		WI- 07/PCG/ICC/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export ISO Container
	Sampling of Break Bulk : Chemical (of Sulphuric Acid, Phenol, Mono Ethyle Glycol, Di- Chloromethane, Styrene Monomer, Butyl Acrylate, Phosphoric Acid, Propylene Glycol Industrial, Nitric Acid, Acetic Acid, N-butanol, Analine Oil, Lauryl Alcohol, Alfa Oli		WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Cargo's Handling Procedure
			WI - 14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction of Job File Management
			WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
	Inspection of Dry Chemical of (Rock Phosphate, Zinc, Caustic in Powder form, Polypropylene (PP), Ammonia, PVC Resin Bags)		WI - 08/PCG/BDC/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection of Import & Export Cargo Inspection – Box Container Dry Cargo
	Inspection of Liquid Chemical (Caustic soda, Lube Oil, Base oil, Toluene, Benzene, Para-xylene, Mix-xylene, Methanol, Ethyl Alcohol, Ethanol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, Phenol		WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Cargo's Handling Procedure
			WI - 14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction of Job File Management
			WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
			WI - 04/PCG/BBLC/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export Box Container – Chemicals
			WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction for Cargo's Handling Procedure
			WI - 14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023	Work Instruction of Job File Management
			WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for collecting all Vessel Documents
			WI - 04/PCG/BBLC/SOP/Rev. 01	Work Instruction for Inspection & sampling

	Sampling of Liquid Chemical (Caustic soda, M Lube Oil, Base oil, Toluene, Benzene, Para-xylene, Mix-xylene, Methanol, Ethyl Alcohol, Ethanol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, Phenol,	Import Export Cargo Inspection - Box Container Cargo Import / Export	Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 10/PCG/BCF/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 10/PCG/BCF/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	of Import & Export Box Container – Chemicals Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents Work Instruction for Inspection & sampling of Import & Export Box Container- Flexi Bags Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents Work Instruction for Inspection & sampling of Import & Export Box Container- Flexi Bags Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
	Inspection of Flexi-Bag (Lube Oil, Base oil, MEG, DEG, Propylene Glycol Industrial)	Import Export Cargo Inspection - Box Container Cargo Import / Export	WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 10/PCG/BCF/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & sampling of Import & Export Box Container- Flexi Bags Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
	Sampling of Flexi-Bag (Lube Oil, Base oil, MEG, DEG, Propylene Glycol Industrial)	Import Export Cargo Inspection - Box Container Cargo Import / Export	WI - 06/PCG/GC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 06/PCG/GC/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Gas Cargo – LPG Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
	Inspection of Gas Cargo Ship (Liquefied Petroleum Gas (LPG), Propane, Butane)	Import Export Cargo Inspection - Gas Cargo ShipCargo Import / Export	WI - 11/PCG/STSL/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 11/PCG/STSL/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection of Import & Export Shore Tank & Shore Line Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
	Sampling of Gas Cargo Ship (Liquefied Petroleum Gas (LPG), Propane, Butane)	Import Export Cargo Inspection - Gas Cargo ShipCargo Import / Export	WI - 12/PCG/ATT/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 12/PCG/ATT/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Auto Tanker Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
	Receipt Inspection (of Toluene, Benzene, Para-xylene, Acetone, Mix-xylene, Methanol, Ethyl Alcohol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, n-Butene, Sulphuric Acid, Phenol, Mono Ethyle Gly)	Terminal Operation Import / Export - Road Tanker Inspection	WI -12/PCG/ATT/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 12/PCG/ATT/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Auto Tanker Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
	Delivery Inspection (of Toluene, Benzene, Para-xylene, Acetone, Mix-xylene, Methanol, Ethyl Alcohol, Methyl tert-butyl ether (MTBE), Linear alkyl benzene (LAB), Vinyl acetate monomer (VAM), Propylene oxide, n-Butene, Sulphuric Acid, Phenol, Mono Ethyl Gly)	Terminal Operation Import / Export - Shore Line InspectionTerminal & Shore Tank Inspection	WI -12/PCG/ATT/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023 WI - 12/PCG/ATT/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 13/PCG/HP/SOP/Rev. 01 Revision Date: 14-02-2023 WI -14/PCG/FM/SOP/Rev. 01 Revision Date: 14-02-2023 WI - 15/PCG/VD/SOP/R Rev. 01 Revision Date: 14-02-2023	Work Instruction for Inspection & Sampling of Import & Export Auto Tanker Work Instruction for Cargo's Handling Procedure Work Instruction of Job File Management Work Instruction for collecting all Vessel Documents
IAF Scope 39	Other Social Services	-	-	-
	Amusement Park Play Ground Equipment's	Safety and Quality inspection during stage-wise construction, commissioning, In-Service	ISO 17842-1: 2015	Safety of Amusement Rides and Amusement devices- Design & manufacture
			ISO 17842-2: 2015	Safety of Amusement rides & Devices- Operation & Use
			ISO 17842-3: 2015	Safety of Amusement rides & Devices- Requirements for Inspection during Design, Manufacture, Operation & Use
			EN 1176-1: 2017	Playground equipment & surfacing- General safety requirements and test methods
				Inflatable play equipment- safety

Inspection Equipment Calibration Status

Inspection Equipment with Type, Make & Range / Capacity (if owned by IB)

Calibration Status

Calibration Agency

Cal. Frequency

Calibration Date

NA

NA

NA

NA

Part - III

PERSONNEL INFORMATION

Quality Manager

Name:

Mr. Sandeep Deshpande

Number of Personnel in IB

	Managerial Staff	Inspection Staff	Support Staff	Total
Head Office	10	209	34	253
MUMBAI	10	209	34	253
AHMEDABAD	13	64	7	84
VADODARA	8	92	10	110
PUNE	9	63	7	79
NOIDA	5	111	7	123
KOLKATA	6	37	4	47
CHENNAI	4	31	7	42
BANGALORE	3	50	4	51
COIMBATORE	6	11	4	21
HYDERABAD	7	40	4	51

INSPECTION BODY MANAGERIAL & INSPECTION PERSONNEL

Name	Designation	Qualifications	Years of Experience	Location	Competence for Scope Sector Code(s)
d	d	d	1	d	d

Part - IV

OTHER INFORMATION

Other activities within the same legal entity

Yes

Related Organization(s), if any, and their activities,

Organization Name

Related Activities

Major Clients

1) L&T- Defense, RIL

Financial Performance

(for last 3 financial year(s))

Financial Year	Total Income	Expenditure	Net Profit
2022-23	3212700000	2796100000	416600000
2021-22	2930730000	2453650000	477090000
2020-21	2121720000	1793930000	327790000

Inspection Mark Registration, if any

Registration No.

Registration Date

Registration Authority

1645214

23-01-2008

Trademarks registry, Govt. Of India

Other Accreditation(s), Approval(s) from Govt.

1) ISO 17020: 2012, ISO 17021 for certification division, ISO 2025 for Food and Product Testing Lab, Competent authority under PESO for SMPV (U) Rules 2016 & PESO rules 126 & 130, Competent authority under Central Boilers Board,

Request for Pre-assessment

Part - V

ANNEXED INFORMATION

1	Memorandum / Article of Association	View
2	Declaration on Shareholder(s) and Director(s)	View
3	Master List of Documents (with issue and/or revision status)	View
4	Quality Manual	View
5	Procedure Manual / Procedures including technical documents, formats, checklists etc.	View
6	Business Liability Insurance	View
7	Letter of authorization from management to act behalf of the CAB	View
8	Latest Audited Financial Statement (P/L Statement)	View
9	PAN Card for Legal Entity	View
10	TAN for Legal Entity	View
11	GST Certificate	View
12	Sample of the Mark of the applicant and Proof of its Ownership rights	View
13	Recently Issued 'Inspection Reports / Certificates' (few as specimen)	View
14	Sample of the Inspection / Certification agreement (as specimen)	View
15	Duly filled Cross Reference Matrix [BCB F-010] for Document Review by NABC	View
16	Other Documents (if any)	

Part - VI

DECLARATION

We the Authorized Representatives on behalf of our inspection body declare the following:

All statements, information and documents provided along with this application are correct to the best of our knowledge and belief.

1. NABC accreditation criteria, requirements, procedures and documents have been read, understood and implemented.
2. The terms & conditions in the NABC Agreement for Inspection Bodies [format BCB F-003 (IB) available on the NABC website] have been read, understood and the
3. agreement shall be signed promptly on receiving intimation of grant of accreditation from NABC.

Have adequate resources to undertake inspection work for the scope of accreditation requested, undergo assessment as well as maintain accreditation, and shall pay

4. all necessary fee and charges (including any applicable taxes) to NABC.

Shall ensure that the operations, staff, facilities, and procedures of our inspection body will always continue to comply with the NABC criteria, requirements,

5. procedures & documents for accreditation.

Shall always maintain impartiality and integrity in operations as well as in inspection work.

6. Shall always provide, or give access to, all documents, records, information and facilities during the entire assessment process to enable a thorough evaluation of our
7. inspection body and also later during the period of accreditation.

Shall take adequate and prompt corrective and/or preventive action(s) as may be necessary on the issues raised by NABC.

8. Shall immediately notify NABC of any significant changes in its organizational status / structure, operations, facilities, main policies, procedures, staff or competence,
9. which are likely to affect our accreditation or the terms in which the scope of accreditation is expressed.

Shall undertake routine assessments, surveillances & reassessments as scheduled by NABC and also the verification or surprise visits as decided by NABC.

10. Any fee and charges payable by our inspection body and which remains unpaid shall be recovered from our inspection body with late payment charges as appropriate
11. and decided by NABC.

- If our inspection body at any time is found not complying with the above declaration or the requirements of ISO/IEC 17020 and/or NABC or is found misrepresenting
12. scope of accreditation or misusing accreditation or carrying out malpractices or bringing NABC into disrepute, any action against our inspection body may be taken including suspension or withdrawal as deemed appropriate by NABC.

If any information given along with this application is later found to be false, NABC may decide to cancel our application.

13.

	Authorized Representative	Alternate Authorized Representative
Name:	PRAVIN KHERDE	
Designation:	DGM	
E-mail:	kpraveen@tuv-nord.com	
Date:	17-05-2024	
Place:	MUMBAI	