



MAPPING OF INDIAN STANDARDS TO SCHEMES/MISSIONS OF GOVERNMENT OF INDIA MINISTRY OF HOUSING AND URBAN AFFAIRS

BUREAU OF INDIAN STANDARDS

Ministry of Consumer Affairs,
Food and Public Distribution
Government of India

भारतीय मानक ब्यूरो
उपभोक्ता मामले, खाद्य और
सार्वजनिक वितरण मंत्रालय
भारत सरकार





Foreword

BIS being the National Standards Body of India has the onus of leading the Standardization activities in the nation, BIS has taken up a monumental task of mapping of applicable Indian Standards to government schemes/missions run by various ministries. Extensive brainstorming exercise was done by officers of Standardization and Certification departments to map more than 3200 Indian Standards towards 75 government schemes/missions panning across 29 Ministries/Departments of Government of India.

Following key advantages are envisaged through this exercise:

- ☐ Products procured by Central/State Government Departments for implementation of schemes are of right quality and adhere to Indian Standards.
- ☐ Wherever there are certain processes/services involved, the executive departments follow right code of practices.
- ☐ In case of certain products/processes/services for which Indian Standards are not available; such gap areas are identified in timely manner and respective technical committees can take up the matter for formulation of standards on such areas.
- ☐ Standards and quality culture is imbibed in central/state government departments across all levels, as adherence to Indian Standards fosters a culture of quality and reliability within government departments.
- ☐ For future schemes/missions government departments can proactively get involved with BIS for providing the necessary assistance pertaining to standardization needs related to upcoming schemes/missions.
- ☐ This will assist Ministries in preparing Annual Work Programme for Standardization.

The Indian Standards for each scheme mission have been classified into two broad categories:

- ☐ Product Standards
- ☐ Other than Product Standards

For each of these broad categories we have further identified:

- ☐ Standards Available
- ☐ Standards Under Development
- ☐ Areas Identified for Standardization in Future

Furthermore, mandatory standards under Quality Control Order (QCO) have been marked in dark shades.

With the mapping exercise BIS aims to contribute further towards a more effective and efficient implementation of various schemes/missions run by government and to imbibe quality culture across all levels where these schemes are making an impact.

This booklet includes standards relevant to respective Ministry/Department and is a part of Schemes through Standards document available on BIS website. Complete Schemes through Standards document can be accessed through following link:

https://www.bis.gov.in/wp-content/uploads/2023/07/Mapping-of-Schemes_Missions-of-Government-of-India.pdf

The document is of evolutionary nature and same has been prepared as discussion document. BIS will keep on updating this document based on inputs received from Central/State Ministries and Departments.

Indian Standards are readily available for download on BIS website under “Know Your Standards” tab and can be accessed through link or QR code mentioned below:



https://www.services.bis.gov.in/php/BIS_2.0/bisconnect/knowyourstandards/indian_standards/isdetails

Indian Standards can be searched by any of the following ways:

- a) By IS Number
- b) By Keyword/Standard Title



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Section 1: Standards Pertaining to Civil Works **and Related Electrical Works**

About this Section

This list contains standards on commonly used materials related to civil works and also includes standards related to construction materials and electrical installations. This list aims to help the reader to identify standards for common aspects of civil works.

PART A1: Product Standards related to Civil Works

Cement	
IS 269: 2015	Ordinary Portland Cement — Specification (<i>Sixth Revision</i>)
IS 16415:2015	Composite Cement — Specification
IS 1489 (Part 1):2015	Portland Pozzolana Cement — Specification: Part 1 Fly Ash Based
IS 1489 (Part 2):2015	Portland Pozzolana Cement — Specification: Part 2 Calcined Clay Based (<i>Fourth Revision</i>)
IS 3812 (Part 2):2013	High Alumina Cement for Structural Use — Specification (<i>First Revision</i>)
IS 455:2015	Portland Slag Cement — Specification (<i>Fifth Revision</i>)
IS 8042:2015	White Portland Cement — Specification (<i>Third Revision</i>)
IS 8041: 1990	Rapid Hardening Portland Cement — Specification (<i>Second Revision</i>)
IS 16714:2018	Ground Granulated Blast Furnace Slag for Use in Cement, Mortar and Concrete — Specification
Construction Materials	
IS 15658: 2021	Concrete Paving Blocks — Specification (<i>First Revision</i>)
IS 15778: 2007	Chlorinated Polyvinyl Chloride (CPVC) Pipes for Potable Hot and Cold Water Distribution Supplies — Specification
IS 383:2016	Coarse and Fine Aggregates for Concrete — Specification (<i>Third Revision</i>)
IS 2185 (Part 1):2005	Concrete Masonry Units — Specification: Part 1 Hollow and Solid Concrete Blocks (<i>Third Revision</i>)
IS 217: 2018	Cutback Bitumen — Specification (<i>Third Revision</i>)
IS 1786:2008	High Strength Deformed Steel Bars and Wires for Concrete Reinforcement — Specification (<i>Fourth Revision</i>)
IS 7834 Part 1:1987	Injection Moulded PVC Socket Fittings with Solvent Cement Joints for Water Supplies: Part 1 General Requirements
IS 432 (Part 1):1982	Mild Steel and Medium Tensile Steel Bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 1 Mild Steel and Medium Tensile Steel Bars
IS 432 (Part 2):1982	Mild Steel and Medium Tensile Steel Bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 2 Hard-Drawn Steel Wire
IS 73: 2013	Paving Bitumen — Specification (<i>Fourth Revision</i>)

IS 458:2021	Precast Concrete Pipes (with and without Reinforcement)
IS 3812 (Part 1):2013	Pulverized Fuel Ash — Specification: Part 1 for use as Pozzolana in Cement, Cement Mortar and Concrete (<i>Third Revision</i>)
IS 3812 (Part 2):2013	Pulverized Fuel Ash — Specification: Part 2 for use as Admixture in Cement Mortar and Concrete (<i>Third Revision</i>)
IS 16720:2018	Pulverized Fuel Ash-Cement Bricks — Specification
IS 17079:2019	Rubber Modified Bitumen (Rmb) - Specification
IS 6603: 2001	Stainless Steel Bars and Flats — Specification
IS 2556 (Part 1) :2021	Vitreous China Sanitary Appliances — Specification: Part 1 General Requirements (<i>Fourth Revision</i>)
IS 14982: 2022	Anti-Stripping Agents for Bitumen Addition — Specification
IS 3117: 2004	Bitumen Emulsion for Roads and Allied Applications Anionic Type — Specification (<i>First Revision</i>)
IS 8887: 2018	Bitumen Emulsion for Roads Cationic Type — Specification (<i>Third Revision</i>)
IS 15883 (Part 1)	Construction Project Management
IS 15808: 2008	Multi - Grade Bitumen for Use in Pavement Construction — Specification
IS 15462: 2019	Polymer Modified Bitumen Pmb Specification (<i>First Revision</i>)
IS 17052: 2018	Rejuvenating Agents for Hot Mix Recycling of Bituminous Surfacing — Specification
IS 16651:2017	High Strength Deformed Stainless Steel Bars and Wires for Concrete Reinforcement — Specification
Housing, Building Construction, Building Components	
IS 14846: 2000	Sluice Valve for Water Works Purposes (50 to 1200 mm Size) — Specification
IS 15391:2012	Solid Panel Foam UPVC Door Shutters — Specification
IS 2365: 2018	Steel Wire Suspension Ropes for Lifts, Elevators and Hoists — Specification (<i>Second Revision</i>)
IS 17546:2021	Chlorinated Polyvinyl Chloride (CPVC) Fittings for Potable Hot and Cold Water Distribution Supplies — Specification
IS 8360: 2022	Fabricated Polyethylene Fittings for Water Supply — Specification (<i>First Revision</i>)
IS 2202 (Part 1): 2023	Wooden Flush Door Shutters Solid Core Type Specification Part 1 Plywood Face Panels (<i>Seventh Revision</i>)
IS 2202 (Part 2): 2022	Wooden Flush Door Shutters Solid Core Type Specification Part 2 Particle Board High Density Fiber Board Medium Density Fiber Board and Hardboard Face Panels (<i>Fourth Revision</i>)
IS 2556 (Part 3): 2004	Vitreous Sanitary Appliances (Vitreous China) — Specification — Part 3: Specific Requirements of Squatting Pans
IS 17650 (Part 1): 2021	Water Efficient Plumbing Products Requirements: Part 1 Sanitaryware



IS 17650 (Part 2): 2021	Water Efficient Plumbing Products Requirements: Part 2 Sanitary Fittings
Pipes	
IS 13592: 2013	Unplasticized Polyvinyl Chloride (PVC-U) Pipes for Soil and Waste Discharge System Inside and Outside Buildings Including Ventilation and Rainwater System
IS 12818: 2010	Unplasticized Polyvinyl Chloride (PVC - U) Screen and Casing Pipes for Bore/ Tubewells
IS 4984:2016	Polyethylene Pipes for Water Supply — Specification (<i>Fifth Revision</i>)
IS 15450:2022	Polyethylene-Aluminium Polyethylene Composite Pressure Pipes for Hot and Cold Water Supplies — Specification (<i>First Revision</i>)
IS 15801:2008	Polypropylene-Random Copolymer Pipes for Hot and Cold Water Supplies — Specification
IS 4985:2021	Unplasticized PVC Pipes for Potable Water Supplies — Specification (<i>Fourth Revision</i>)
IS 15328:2003	Unplasticized Non-Pressure Polyvinyl Chloride (PVC-U) Pipes for use in Underground Drainage and Sewerage Systems — Specification
Steel for Structural Use	
IS 277:2018	Galvanised Steel Sheets
IS 4923:2017	Hollow Steel Section for Structural Use
IS 2062: 2011	Hot Rolled Medium and High Tensile Structural Steel
IS 6911: 2017	Stainless Steel Plate, Sheet and Strip — Specification
IS 1161: 2014	Steel Tubes for Structural Purposes — Specification
Fittings	
IS 14735: 1999	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System
IS 14885:2022	Polyethylene Pipes for the Supply of Gaseous Fuels — Specification (<i>First Revision</i>)
IS 9271:2004	Unplasticized Polyvinyl Chloride (UPVC) Single Wall Corrugated Pipes for Drainage — Specification (<i>First Revision</i>)
IS 1703:2000	Water Fittings — Copper Alloy Float Valves (Horizontal Plunger Type) — Specification (<i>Fourth Revision</i>)



PART A2: Other than C Product Standards related to Civil Works

Construction Materials	
SP 7: 2016	National Building Code of India
IS 10262:2019	Concrete Mix Proportioning — Guidelines (<i>Second Revision</i>)
IS 2541: 1991	Preparation and use of Lime Concrete — Code of Practice
IS 456: 2000	Plain and Reinforced Concrete - Code of Practice (<i>Fourth Revision</i>)
IS 4926:2003	Ready-Mixed Concrete — Code of Practice (<i>Second Revision</i>)
IS 5817: 1992	Preparation and use of Lime-Pozzolana Mixture Concrete in Buildings and Roads — Code of Practice
Building Construction	
IS 11384: 2022	Composite Construction in Structural Steel and Concrete — Code of Practice (<i>First Revision</i>)
IS 15797:2008	Roof Top Rainwater Harvesting — Guidelines
IS 15912:2018	Structural Design Using Bamboo — Code of Practice (<i>First Revision</i>)
IS 15916:2020	Building Design and Erection Using Prefabricated Concrete — Code of Practice
IS 15917:2020	Building Design and Erection Using Mixed/Composite Construction — Code of Practice
IS 16231 (Part 1):2019	Use of Glass in Buildings — Code of Practice: Part 1 General Methodology for Selection (<i>First Revision</i>)
IS 16231 (Part 2):2019	Use of Glass in Buildings — Code of Practice: Part 2 Energy and Light (<i>First Revision</i>)
IS 16231 (Part 3):2019	Use of Glass in Buildings — Code of Practice: Part 3 Fire and Loading (<i>First Revision</i>)
IS 16231 (Part 4):2019	Use Of Glass in Buildings — Code of Practice: Part 4 Safety Related to Human Impact (<i>First Revision</i>)
Water Supply & Sanitation	
IS 1172: 1993	Code of Basic Requirements for Water Supply, Drainage and Sanitation
IS 14961:2001	Guidelines For Rainwater Harvesting in Hilly Areas by Roof Water Collection System
Pipes and Fittings	
IS 7634 (Part 2):2012	Plastics Pipes Selection, Handling, Storage and Installation for Potable Water Supplies — Code of Practice: Part 2 Laying and Jointing of Polyethylene (PE) Pipes (<i>First Revision</i>)
IS 7634 (Part 3):2003	Plastic Pipes Selection, Handling, Storage and Installation for Potable Water Supplies — Code of Practice: Part 3 Laying and Jointing of UPVC Pipes (<i>First Revision</i>)
SP 57: 1993	Handbook for Pipes and Fittings for Drinking Water Supply



Infrastructure & Safety	
IS 13935:2009	Seismic Evaluation, Repair and Strengthening of Masonry Buildings — Guidelines (<i>First Revision</i>)
IS 14496 (Part 1):2020	Preparation of Landslide Hazard Zonation Maps in Mountainous Terrains — Guidelines: Part 1 Meso-Zonation
IS 14496 (Part 2):1998	Preparation of Landslide Hazard Zonation Maps in Mountainous Terrains — Guidelines: Part 2 Macro-Zonation
IS 15988:2013	Seismic Evaluation and Strengthening of Existing Reinforced Concrete Buildings — Guidelines
IS 17162:2020	Preparation of Landslide Risk Assessment Maps in Mountainous Terrains — Guidelines



PART A3: Product Standards related to Electrical Installations in Civil Works

Switchgear	
IS 12640 (Part 1): 2016	Residual Current Operated Circuit Breakers without Integral Overcurrent Protection for Household and Similar Uses (RCCBs): Part 1 General Rules
IS/IEC 60898 (Part 1): 2015	Electrical Accessories - Circuit Breakers for Overcurrent Protection for Household and Similar Installations: Part 1 Circuit — Breakers for AC Operation
IS/ IEC 61008: 2010	Residual Current Operated Circuit Breakers Without Integral Over Current Protection
Energy Management	
IS 13779: 2020	AC Static Watthour Meters Class 1 And 2 — Specification
IS 16444 (Part 1): 2015	AC Static Direct Connected Watthour Smart Meter Class 1 and 2 — Specification
IS 16444 (Part 2): 2017	AC Static Transformer Operated Watthour and VAR - Hour Smart Meters, Class 0.2 S, 0.5 S and 1.0 S: Part 2 Specification Transformer Operated Smart Meters
IS 16476 (Part 1): 2017	Led Based Solar Lantern Part 1 — Specification
IS 16614 (Part 2): 2022	Double-Capped Led Linear Lamps Part 2 — Performance Specification
Electrical Appliances	
IS 1391 (Part 1): 2017	Room Air Conditioners — Specification: Part 1 Unitary Air Conditioners
IS 1391 (Part 2): 2018	Room Air Conditioners — Specification: Part 2 Split Air Conditioners
IS 19014: 2022	Household Electric Cooking Appliances — Performance Requirements of Electric Hobs
IS 2082 :2018	Stationary Storage Type Electric Water Heaters — Specification (<i>Fifth Revision</i>)
IS 374: 2019	Specification For Electric Ceiling Type Fans (<i>Third Revision</i>)
Power Systems	
IS 9537 (Part 1 to Part 6)	Conduits for Electrical Installations
IS 1180 (Part 1): 2014	Outdoor Type Oil Immersed Distribution Transformers Up to and Including 2 500 kVA, 33kV — Specification Part 1 Mineral Oil Immersed
IS 1180 (Part 3): 2021	Outdoor/Indoor Type Liquid Immersed Distribution Transformers up to and Including 2 500 kVA, 33 kV — Specification Part 3 Natural/Synthetic Organic Ester Liquid Immersed
IS 1293:2019	Plugs And Socket- Outlets of Rated Voltage up to and Including 250 Volts and Rated Current up to and Including 16 Amperes — Specification (<i>Fourth Revision</i>)
IS 3854: 1997	Switches for Domestic and Similar Purposes
IS 1554 (Part 1): 1988	Specification For PVC Insulated (Heavy Duty) Electric Cables: Part 1 for Working Voltages up to and including 1100 V (<i>Third Revision</i>)
IS 1554 (Part 2): 1988	Specification For PVC Insulated (Heavy Duty) Electric Cables: Part 2 For Working Voltages From 3.3 kV up to and Including 11 kV (<i>Second Revision</i>)

IS 694: 2010	Polyvinyl Chloride Insulated Unsheathed and Sheathed Cables/Cords with Rigid and Flexible Conductor for Rated Voltages up to and including 1100 V
IS 7098 (Part 1): 1988	Specification for Cross-linked Polyethylene Insulated PVC Sheathed Cables: Part 1 for Working Voltages up to and Including 1100 Volts
IS/IEC 60947 Series	Low-Voltage Switchgear and Control Gear
IS 13703: 1993	Low Voltage Fuses for Voltage not Exceeding 1 000 V AC or 1500 V DC
IS 14772: 2000	Enclosures for Accessories for Household and Similar Fixed Electrical Installations
Luminaries	
IS 10322 (Part 5 / Sec 1): 2012	Luminaires Part 5 Particular Requirements Sec 1 Fixed General Purpose Luminaires
IS 16102 (Part 2): 2017	Self — Ballasted Led Lamps for General Lighting Services: Part 2 Performance Requirements (<i>First Revision</i>)
IS 16103 (Part 1): 2012	Led Modules for General Lighting: Part 1 Safety Requirements
IS 16103 (Part 2): 2012	Led Modules for General Lighting: Part 2 Performance Requirements
IS 16107 (Part 2/ Sec 2): 2017	Luminaries Performance Part 2 Particular Requirements Section 2 Led Street Lighting Luminaire



PART A4: *Other than Product Standards* related to Electrical Installations in Civil Works

Code of Practice	
SP 30: 2023	National Electrical Code of India
IS 732: 2019	Code of Practice for Wiring Installations
IS 1255: 1983	Code of Practice for Installation and Maintenance of Cables up to and Including 33kV Rating
IS 2440:1975	Guide For Daylighting of Buildings (<i>Second Revision</i>)
IS 3646(Part 1):1992	Code of Practice for Interior Illumination: Part 1 General Requirements and Recommendations for Working Interiors (<i>First Revision</i>)
IS 6060:1971	Code of Practice for Daylighting of Factory Buildings
IS 7942:1976	Code of Practice for Daylighting of Educational Buildings
IS 9457:2005	Safety Colours and Safety Signs-Code of Practice (<i>First Revision</i>)
IS 16103 (Part 1): 2012	LED Modules for General Lighting: Part 1 Safety Requirements
Power Systems	
IS 16205(Part 1): 2017	Conduit Systems for Cable Management — General Requirements
IS/ IEC 60364-5-52: 2009-10	Low Voltage Electrical Installations — Selection and Erection of Electrical Equipment — Wiring Systems
IS 12063:1987	Classification of Degree of Protection by Enclosures of Electrical Equipment



Section 2: Standards Related to Management Systems

About this Section

This section encompasses published Management System standards that are applicable across schemes. These standards provide a systematic framework for organizations to establish, implement, maintain, and continually improve their management systems.

IS/ISO 9001: 2015	Quality Management Systems — Requirements
IS/ISO 31000: 2018	Risk Management — Guidelines
IS 16010: 2012	Good Governance — Guidance
IS/ISO 10006: 2017	Quality Management Systems — Guidelines for Quality Management in Projects
IS/ISO 10018: 2020	Quality Management Guidance for People Engagement
IS/ISO 10015: 2019	Guidelines For Competence Management and People Development
IS/ISO 30408: 2016	Human Resource Management — Guidelines on Human Governance
IS/ISO 30409: 2016	Human Resource Management — Workforce Planning
IS/ISO/TR 30406: 2017	Human Resource Management — Sustainable Employability Management for Organizations
IS/ISO 32210: 2022	Sustainable Finance — Guidance on the Application of Sustainability Principles for Organizations in the Financial Sector
IS/ISO 10014: 2021	Quality Management Systems — Managing an Organization for Quality Results — Guidance for Realizing Financial and Economic Benefits
IS/ISO 9004: 2018	Quality Management — Quality of an Organization - Guidance to Achieve Sustained Success
IS/ISO 12812 (Part 1 to 5): 2017	Core Banking — Mobile Financial Services
IS/ISO/TR 30406: 2017	Human Resource Management — Sustainable Employability Management for Organizations
IS/ISO 21503:2022	Project, Programme and Portfolio Management — Guidance on Programme Management



Section 3: Mapping of Scheme/Missions

National Mission on Sustainable Habitat

Ministry of Housing and Urban Affairs

About the Scheme/Mission

The National Mission on Sustainable Habitat (NMSH) 2.0 in India aims to promote low—carbon urban growth, reduce greenhouse gas (GHG) emissions, and build climate resilience in cities. The mission focuses on integrating climate change mitigation and adaptation measures into urban planning and policy frameworks. It outlines key priorities in areas such as energy and green building, urban planning and biodiversity, mobility and air quality, water management, and waste management. The objective is to create sustainable, resilient, and inclusive urban habitats that balance economic development with environmental protection and social well—being.

Product Standards

Standards Published

Building Construction	
IS 6073:2006	Autoclaved Reinforced Cellular Concrete Floor and Roof Slabs — Specification (<i>First Revision</i>)
Construction Material	
IS 9142 (Part 2):2018	Artificial Light Weight Aggregates for Concrete — Specification: Part 2 Sintered Fly Ash Coarse Aggregate (<i>First Revision</i>)
IS 18189:2023	Portland Calcined Clay Limestone Cement — Specification
IS 16715:2018	Ultrafine Ground Granulated Blast Furnace Slag — Specification
for More Product Standards Pertaining to Civil Works, Please Refer Section 2 — Part A1	
Energy Management	
IS 14286 (Part 1) : 2019 IEC 61215—1 : 2016	Terrestrial Photovoltaic PV Modules — Design Qualification and Type Approval Part 1 Test Requirements (<i>Second Revision</i>)
IS 14286 (Part 1/Sec 1) : 2019 IEC 61215—1—1 : 2016	Terrestrial Photovoltaic PV Modules — Design Qualification and Type Approval Part 1 Test Requirements Sec 1 Special Requirements for Testing of Crystalline Silicon Photovoltaic PV Modules (<i>Second Revision</i>)
IS 14286 (Part 1/Sec 2) : 2019IEC 61215—1—2 : 2016	Terrestrial Photovoltaic PV Modules — Design Qualification and Type Approval Part 1 Test Requirements Sec 2 Special Requirements for Testing of Thin — Film Cadmium Telluride Cdte Based Photovoltaic PV Modules (<i>Second Revision</i>)
IS 14286 (Part 1/Sec 3) : 2019IEC 61215—1—3 : 2016	Terrestrial Photovoltaic PV Modules — Design Qualification and Type Approval Part 1 Test Requirements Sec 3 Special Requirements for Testing of Thin — Film Amorphous Silicon Based Photovoltaic PV Modules (<i>Second Revision</i>)
IS 14286 (Part 1/Sec 4) : 2019IEC 61215—1—4 : 2016	Terrestrial Photovoltaic PV Modules — Design Qualification and Type Approval Part 1 Test Requirements Sec 4 Special Requirements for Testing of Thin — Film Cu in Ga S Se 2 Based Photovoltaic PV Modules (<i>Second Revision</i>)
IS 14286 (Part 2) : 2019 IEC 61215 —2 : 2016	Terrestrial Photovoltaic PV Modules — Design Qualification and Type Approval Part 2 Test Procedures (<i>Second Revision</i>)



IS 14286 : 2010 IEC 61215 : 2005	Crystalline Silicon Terrestrial Photovoltaic PV Modules — Design Qualification and Type Approval (<i>First Revision</i>)
IS 16490 : 2016	LED Destination Board System for Buses — Specification
IS 17018 (Part 1) : 2022	Solar Photovoltaic Water Pumping Systems Part 1 Centrifugal Pumps Specification
IS 16107 (Part 1) : 2012	Luminaires Performance: Part 1 General Requirements
IS 16107 (Part 2/Sec 1) : 2012	Luminaires Performance: Part 2 Particular Requirements: Sec 1 Led Luminaire
IS 16107 (Part 2/Sec 2) : 2017	Luminaires Performance Part 2 Particular Requirements Section 2 Led Street Lighting Luminaire
IS 15464 : 2022	Anhydrous Ethanol for Use as Blending Component in Motor Gasoline Specification (<i>First Revision</i>)
IS 15607 : 2022	Biodiesel B-100 — Fatty Acid Methyl Esters FAME Specification (<i>Second Revision</i>)
IS 17314 : 2019	Hydrogen Enriched Compressed Natural Gas HCNG for Automotive Purposes Specification
IS 15958 : 2012	Compressed Natural Gas CNG for Automotive Purposes — Specification
IS 16087 : 2016	Biogas Biomethane — Specification (<i>First Revision</i>)
for More Standards Pertaining to Electrical Installations, Please Refer Section 2— Part A3	
EV	
IS 18073 : 2023	Electric Traction Motor — Performance and Functional Requirements
Fuel Supply	
IS 15927 (Part 1):2012	Polyethylene Fittings for Use With Polyethylene Pipes for The Supply of Gaseous Fuels — Specification: Part 1 Fittings for Socket Fusion Using Heated Tools
IS 15927 (Part 2):2012	Polyethylene Fittings for Use With Polyethylene Pipes for The Supply of Gaseous Fuels — Specification: Part 2 Spigot Fittings for Butt Fusion for Socket Fusion Using Heated Tools, and for Use With Electro Fusion Fittings
IS 15927 (Part 3):2011	Polyethylene Fittings for Use With Polyethylene Pipes for The Supply of Gaseous Fuels — Specification: Part 3 Electro Fusion Fittings
IS 17544:2022	Multilayer (PE-AL-PE) Plastic Piping System for Indoor Gas Installations With A Maximum Operating Pressure Up to and Including 500 KPA (5 Bar) — Specification
for More Product Standards Pertaining to Civil Works, Please Refer Section 2 — Part A1	
Geotextile	
IS 15869 : 2020	Textiles – Open Weave Coir Bhoovastra – Specification (<i>First Revision</i>)
IS 14715 (Part 1) : 2016	Jute Geotextiles: Part 1 Strengthening of Sub—Grade in Roads – Specification (<i>Second Revision</i>)
IS 17483 (Part 1) : 2020	Geosynthetics – Geocells – Specification: Part 1 Load Bearing Application



IS 17372 : 2020	Geosynthetics – Polymeric Strip Geostrip Used as Soil Reinforcement in Retaining Structures – Specification
IS 16090 : 2013	Geo—Synthetics – Geo—Textiles Used as Protection Or (Cushioning Materials) – Specification
Telecommunication	
IS 14787:2000	Unplasticized PVC Pipes (Ducts) and Fittings for Underground Telecommunications Cable Installation — Specification
Waste Management	
IS 11387:1985	Requirements for High Pressure Jetting Machine for Sewer Cleaning
IS 14333:2022	Polyethylene Pipes for Sewerage and Industries Chemicals and Effluent – Specification (<i>First Revision</i>)
IS 14402:1996	Glass Fibre Reinforced Plastics (GRP) Pipes, Joints and Fittings for Use for Sewerage, Industrial Waste and Water (Other Than Potable) — Specification
IS 14735:1999	Unplasticized Polyvinyl Chloride (UPVC) Injection Moulded Fittings for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System — Specification
IS 5600 : 2002	Pumps — Sewage and Drainage — Specification (<i>First Revision</i>)
IS 13592:2013	Unplasticized Polyvinyl Chloride (PVC—U) Pipes for Soil and Waste Discharge System for Inside and Outside Buildings Including Ventilation and Rain Water System — Specification (<i>First Revision</i>)
IS 14333 : 2022	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent — Specification (<i>First Revision</i>)
IS 16098 (Part 1):2013	Structured — Wall Plastics Piping Systems for Non— Pressure Drainage and Sewerage — Specification: Part 1 Pipes and Fittings With Smooth External Surface, Type A
IS 16098 (Part 2):2013	Structured — Wall Plastics Piping Systems for Non— Pressure Drainage and Sewerage — Specification: Part 2 Pipes and Fittings With Non—Smooth External Surface, Type B
IS 16556 : 2016	Municipal Solid Waste Compost Manure Grade — Specification
IS 16702 : 2018	Vermicompost — Specification
IS/ISO 17088 : 2021	Compostable Plastics — Specification
IS 17899T : 2022	Assessment of Biodegradability of Plastics in Varied Conditions
for More Product Standards Pertaining to Civil Works, Please Refer Section 2 — Part A1	
Water Management	
IS 8034 : 2018	Submersible Pumpsets — Specification (<i>Third Revision</i>)
IS 17292 : 2020	Pumps — Minimum Required Efficiency of Rotodynamic Water Pumps
IS 10804 (PART 1) : 2018	Recommended Pumping Systems for Agricultural Purposes: Part 1 Surface Pumps (<i>Third Revision</i>)



IS 17941 : 2022	Handpump Cum Solar Pumping System — Specifications
IS 1710 : 2021	Vertical Turbine Pumps — Specification (<i>Third Revision</i>)
IS 12469 : 2019	Specification of Pumps for Stationary Fire Fighting Installations (<i>First Revision</i>)
IS 14220 : 2018	Openwell Submersible Pumpsets — Specification (<i>First Revision</i>)
IS 15797 : 2008	Roof Top Rain Water Harvesting — Guidelines
IS 17622 (Part 1) : 2021	Water Reuse in Urban Areas Guidelines for Centralized Water Reuse System Part 1 Design Principle of A Centralized Water Reuse System
IS 10124 (Parts 1 to 13): 2009	Fabricated PVC—U Fittings for Potable Water Supplies — Specification
IS 8008:2022	Injection Moulded/Machined Polyethylene Fittings for Water Supply — Specification (<i>Second Revision</i>)
IS 16647:2017	Oriented Unplasticized Polyvinyl Chloride (PVC—O) Pipes for Water Supply — Specification
for More Product Standards Pertaining to Civil Works, Please Refer Section 2 — Part A1	

Standards under Development

Construction Material
Draft Indian Standard Ultrafine Fly Ash — Specification
Energy Management
Solid Biofuels — Fuel Specifications and Classes — Pellets From Agro and Herbaceous Residues
Solid Biofuels — Fuel Specification and Classes — Briquettes From Agro and Herbaceous Residues
Virgin and Reclaimed Base Oil Specification
EV
Specific Requirement for REESS and Powertrain of L Category of Vehicles
Specific Requirement for REESS and Powertrain of M & N Category of Vehicles
Fuel Supply
Draft Indian Standard Unplasticized Polyvinyl Chloride (PVC—U) Pipes (Schedule 40, 80 and 120) for Distribution of Pressurized Liquids — Specification
Waste Management
Draft Indian Standard Rotationally Moulded Polyethylene Septic Tanks – Specification
Draft Indian Standard Non-Sewered On—Site Sanitation System — Anaerobic Digestion — Biodigesters for Human Waste (Night Soil) Decomposition — Design, Fabrication and Installation — Code of Practice
Water Management
Draft Indian Standard Unplasticized Polyvinyl Chloride (PVC—U) Threaded Pipes and Couplers for Borewell — Specification



Areas Identified for Standardization in Future

Proposed Subject
Development of Standard for Pyrolysis Oil From Used Tyres

Other than Product Standards

<i>Standards Published</i>	
Accessibility	
for Standards Other Than Product Standards Pertaining to Civil Works, Please Refer Section 2— Part A2	
Building Construction	
IS 883:2016	Design of Structural Timber in Building — Code of Practice (<i>Fifth Revision</i>)
SP 41 (S&T)	Handbook on Functional Requirements of Buildings (Other Than Industrial Buildings)
SP 33 (S&T)	Handbook on Timber Engineering
for More Standards Other Than Product Standards Pertaining to Civil Works, Please Refer Section 2— Part A2	
Design and Planning of Houses	
IS 14804:2000	Siting Design and Selection of Materials for Residential Buildings in Hilly Areas — Guidelines
Disaster Management	
IS 17848:2022	Confined Masonry for Earthquake Resistance — Code of Practice
IS 1893 (Part 1):2016	Criteria for Earthquake Resistant Design of Structures: Part 1 General Provisions and Buildings (Sixth Revision)
IS 13920:2016	Ductile Design and Detailing of Reinforced Concrete Structures Subjected to Seismic Forces — Code of Practice (<i>First Revision</i>)
IS 15498:2004	Guidelines for Improving The Cyclonic Resistance of Low Rise Houses and Other Buildings/Structures
IS 14680:1999	Landslide Control — Guidelines
IS 13827:1993	Improving Earthquake Resistance of Earthen Buildings — Guidelines
IS 13828:1993	Improving Earthquake Resistance of Low Strength Masonry Buildings — Guidelines
IS 15499:2004	Guidelines for Survey of Housing and Building Typology in Cyclone Prone Areas for Assessment of Vulnerability of Regions and Post Cyclone Damage Estimation
IS 17951:2023	Method for Determination of Performance Relating to Safety of External Building Fabric Impacted By Wind Borne Debris
IS 1893 (Part 6):2022	Criteria for Earthquake Resistant Design of Structures: Part 6 Base Isolated Buildings
IS/ISO 22395 : 2018	Security and Resilience —Community Resilience —Guidelines for Supporting Vulnerable Persons in An Emergency



for More Standards Other Than Product Standards Pertaining to Civil Works, Please Refer Section 2— Part A2

Management System

IS 16070 : 2013	Quality Management Systems — Particular Requirements for The Application of ISO 9001 : 2008 for Power Sector Equipment Manufacturing, Service and Utility Organization
IS/ISO 22398 : 2013	Societal Security Guidelines for Exercises

for More Standards Pertaining to Management Systems for The Scheme Please Refer Section 3

National Building Code

SP 7: 2016	National Building Code of India 2016 (SP 7:2016) Parts 3, 5, 6, 7, 8, 9 and 11
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for More Standards Other Than Product Standards Pertaining to Civil Works, Please Refer Section 2— Part A2

Smart Cities

IS 17456:2020	Smart Community Infrastructure — Guidance on Smart Transportation for Allocation of Parking Lots of Cities
IS 17738:2022	Sustainable Development of Habitats — Indicators for Smart Cities
IS 17785:2022	Sustainable Development of Habitats — Indicators for Resilient Cities
IS 18008 (Part 1) : 2021	Smart Cities— GIS Reference Architecture
IS/ISO 21500 : 2021	Project, Programme and Portfolio Management — Context and Concepts

Sustainable Habitat

IS 17000:2019	Sustainable Development of Habitats — Indicators
IS 17451:2020	Smart Community Infrastructure — Best Practices for Transportation — Guidelines
IS 8888:2020	Requirements of Low Income Housing for Urban Areas — Guide (<i>Second Revision</i>)
IS 13727:2020	Requirements of Cluster Planning for Housing — Guide (<i>First Revision</i>)
IS/ISO 15392:2019	Sustainability in Buildings and Civil Engineering Works — General Principles (<i>First Revision</i>)

Waste Management

IS 17390 : 2020 ISO/TS 24520 : 2017	Activities Relating to Drinking Water and Wastewater Services — Crisis Management of Water Utilities
IS 17392 : 2020 ISO 24518 : 2015	Service Activities Relating to Drinking Water Supply Systems and Wastewater Systems — Crisis Management — Good Practice for Technical Aspects
IS/ISO 24536 : 2019	Service Activities Relating to Drinking Water Supply, Wastewater and Stormwater Systems — Stormwater Management — Guidelines for Stormwater Management in Urban Areas
IS 12647 : 2021	Solid Waste Management Collection Equipment Requirements and Guidelines
IS 16557 : 2016	Solid Waste Management — Segregation, Collection and Utilization At Household/Community Level — Guidelines



IS 16603 : 2018	Solid Waste Management in The Fertilizer Industry — Code of Practice
IS 17862 : 2022	Storage Collection Dismantling and Recycling of E—Waste Guidelines
IS 18006 (Part 1) : 2021	Municipal Governance — Part 1 Reference Architecture
IS 18006 (Part 3/Sec 1) : 2021	Municipal Governance — Part 3 Property Tax — Section 1 Taxonomy
IS 14534 : 2016	Plastics — Guidelines for The Recovery and Recycling of Plastics Waste
Water Management	
IS 17662 : 2021	Guidelines for Water Quality Grade Classification for Water Reuse
IS 17622 (Part 2) : 2021	Water Reuse in Urban Areas Guidelines for Centralized Water Reuse System Part 2 Management of A Centralized Water Reuse System
IS 17663 : 2021	Water Reuse in Urban Areas Guidelines for Water Reuse Safety Evaluation Assessment Parameters and Methods
IS 17664 : 2021	Treated Wastewater Reuse for Irrigation Guidelines for The Adaptation of Irrigation Systems and Practices to Treated Wastewater
CED 56 (22531)	Surface Water Management in Hilly Areas (Including Rainwater Harvesting) – Guidelines (<i>First Revision</i> of IS 14961)
IS 2065:1983	Code of Practice for Water Supply in Buildings (<i>Second Revision</i>)
for More Standards Other Than Product Standards Pertaining to Civil Works, Please Refer Section 2— Part A2	

Standards under Development

Building Construction
Draft Indian Standard Demolition of Buildings — Code of Safety (<i>Second Revision</i>)
Disaster Management
Draft Indian Standard Post — Earthquake Safety Assessment of Buildings — Guidelines
Draft Indian Standard Guidelines for Improving The Cyclonic Resistance Capacity of Kutcha Houses
Disaster Management in Drinking Water Supply System
Smart Cities
Draft Indian Standard Smart Community Infrastructures — Smart Transportation for Compact Cities — Guidelines
Draft Indian Standard Smart Community Infrastructures Smart Transportation for Rapid Transit in and Between Large City Zones and Their Surrounding Areas Guidelines
Water Management
Handbook on Water Supply and Drainage With Special Emphasis on Plumbing



Areas Identified for Standardization in Future

Proposed Subject
Sustainable Human Resource Management— Requirement
Resilient Supply Chain Management— Guideline
Performance Indicator for Enviro-Economic Social Governance and Impact Assessments for Environmental Social Governance (ESG's)
Indicators/ Template for Impact Assessment for SDGs
Guidelines for Street and Public Facility Cleaning Agencies



Heritage City Development and Augmentation Yojana (HRIDAY)

Ministry of Housing and Urban Affairs

About the Scheme/Mission

HRIDAY (Heritage City Development and Augmentation Yojana) is a central sector scheme in India aimed at preserving and revitalizing heritage cities. The scheme focuses on improving the overall quality of life in these cities by addressing issues such as sanitation, security, tourism, heritage revitalization, and livelihoods. It emphasizes the development of heritage—sensitive infrastructure, documentation of heritage assets, capacity enhancement, public—private partnerships, and the promotion of economic activities and accessibility through modern technologies. The scheme is funded entirely by the Central Government and has a duration of four years.

Product Standards

Standards Published

Construction Material	
IS 4098 : 1083	Specification for Lime — Pozzolana Mixture

Standards under Development

Construction material
Specification for Building Limes

Areas Identified for Standardization in Future

Proposed Subject
NA



Other than Product Standards

Standards Published

Accessibility	
for Standards other than Product Standards pertaining to Civil Works, please refer Section 2— Part A2	
Construction	
IS 1597 (Part 1) : 1992	Construction of Stone Masonry — Code of Practice: Part 1 Rubble Stone Masonry (<i>First Revision</i>)
IS 1597 (Part 2) : 1992	Construction of Stone Masonry — Code of Practice: Part 2 Ashlar Masonry (<i>First Revision</i>)
Construction material	
IS 1661 : 1972	Code of Practice for Application of Cement and Cement — Lime Plaster
for more Standards other than Product Standards pertaining to Civil Works, please refer Section 2— Part A2	
Energy management	
IS/ISO 17742 : 2015	Energy Management Systems — Requirements With Guidance for Use (<i>First Revision</i>)
IS/ISO 17742 : 2015	Energy Efficiency and Savings Calculation for Countries, Regions and Cities
Management System	
for Standards Pertaining to Management Systems for the scheme please refer Section 3	
National Building Code	
for Standards other than Product Standards pertaining to Civil Works, please refer Section 2— Part A2	
Sanitation	
IS 17006 : 2018 / ISO 24521 : 2016	Activities Relating To Drinking Water and Wastewater Services — Guidelines for The Management of Basic On — Site Domestic Wastewater Services
Tourism	
IS 18120 : 2023 ISO 21902: 2021	Tourism and Related Services — Accessible Tourism for All — Requirements and Recommendations
IS/ISO 18065 : 2015	Tourism and Related Services — Tourist Services for Public Use Provided By Natural Protected Areas Authorities — Requirements

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA



PM Awas Yojana —Urban

Ministry of Housing and Urban Affairs

About the Scheme/Mission

The Pradhan Mantri Awas Yojana — Urban (PMAY—U) is a flagship program implemented by the Government of India under the Ministry of Housing and Urban Affairs. Its objective is to provide affordable housing to eligible beneficiaries in urban areas of the country. The scheme covers all statutory towns as per the 2011 census and subsequent notified towns.

Product Standards

Standards Published

Construction Material	
IS 15477: 2019	Adhesives for Use With Ceramic Tiles and Mosaics
IS 14333 : 2022	Polyethylene Pipes for Sewerage and Industrial Chemicals and Effluent — Specification
IS 9142 (Part 1): 2018	Artificial Light Weight Aggregates for Concrete — Specification: Part 1 for Concrete Masonry Blocks and for Applications Other Than for Structural Concrete (<i>First Revision</i>)
IS 9142 (Part 2): 2018	Artificial Light Weight Aggregates for Concrete — Specification: Part 2 Sintered Fly Ash Coarse Aggregate (<i>First Revision</i>)
IS 4457 : 2007	Ceramic Unglazed Vitreous Acid Resisting Tiles — Specification (<i>Second Revision</i>)
IS 9103:1999	Concrete Admixtures — Specification (<i>First Revision</i>)
IS 2185 (Part 3):1984	Concrete Masonry Units Part 3 Autoclaved Cellular Aerated Concrete Blocks
IS 208: 2020	Door Handles — Specification (<i>Sixth Revision</i>)
IS 2932 : 2013	Enamel, Synthetic, Exterior: (A) Undercoating (B) Finishing — Specification (<i>Fourth Revision</i>)
IS 13238 : 1991	Epoxy Based Zinc Phosphate Primer Two Pack — Specification First Revision
IS 651: 2007	Glazed Stoneware Pipes and Fittings — Specification (<i>Sixth Revision</i>)
IS 17190: 2020	Grouts for Filling of Joints of Tiles and Stones — Specification
IS 2645: 2003	Integral Waterproofing Compounds for Cement Mortar and Concrete — Specification (<i>Second Revision</i>)
IS 1879 : 2010	Malleable Cast Iron Pipe Fittings
IS 16354: 2015	Metakaolin for Use in Cement, Cement Mortar and Concrete — Specification
IS 15489 : 2013	Paint, Plastic Emulsion — Specification
IS 303 : 1989	Plywood for General Purposes
IS 12592 : 2002	Precast Concrete Manhole Cover and Frame — Specification (<i>First Revision</i>)



IS 15622 : 2017	Pressed Ceramic Tiles — Specification (<i>First Revision</i>)
IS 12701 : 1996	Rotational Moulded Polyethylene Water Storage Tanks — Specification (<i>First Revision</i>)
IS 2553 (Part 1) : 2018	Safety Glass — Specification: Part 1 Architectural, Building and General Uses (<i>Fourth Revision</i>)
IS 12817: 2020	Stainless Steel Butt Hinges — Specification (<i>Third Revision</i>)
IS 17875: 2022	Stainless Steel Seamless Pipes and Tubes for General Service
IS 13983 : 1994	Stainless Steel Sinks for Domestic Purposes
IS 17876: 2022	Stainless Steel Welded Pipes and Tubes for General Service
IS 1341: 2018	Steel Butt Hinges — Specification (<i>Sixth Revision</i>)
IS 1239 (Part1) : 2004	Steel Tubes, Tubulars and Other Wrought Steel Fittings : Part 1 Steel Tubes
IS 428: 2013	Washable Distemper — Specification
IS 17545 : 2021	White Cement Based Polymeric Putty
for more Product Standards Pertaining to Civil Works, Please refer Section 2 — Part A1	
Construction Management	
for Product Standards Pertaining to Civil Works, Please refer Section 2 — Part A1	
Disaster management	
IS 636 : 2018	Non — Percolating Flexible Fire Fighting Delivery Hose — Specification (<i>Fourth Revision</i>)
Energy Management	
IS 1293 : 2019	Plugs and Socket— Outlets of Rated Voltage Up To and Inculding 250 Volts and Rated Current Up To and Inculding 16 Amperes—Specification (<i>Fourth Revision</i>)
IS 13032 : 1991	Ac Miniature Circuit — Breaker Boards for Voltages Not Exceeding 1000 V — Specification
IS 15683 : 2018(Active)	Portable Fire Extinguishers — Performance and Construction — Specification (<i>First Revision</i>)
IS 12469 : 2019	Specification of Pumps for Stationary Fire Fighting Installations (<i>First Revision</i>)
IS 3480 : 1966	Specification for Flexible Steel Conduits for Electrical Wiring
IS 3854 : 1997	Switches for Domestic and Similar Purposes — Specification (<i>Second Revision</i>)
IS 9537 (Part 2) : 1981	Specification for Conduits for Electrical Installations: Part 2 Rigid Steel Conduits
IS 996 : 2009 IEC 34—1 (1969 BS 170: 1962 JIS 4203—1973 BS 1608 : 1966	Single Phase A.C. Induction Motors for General Purpose (<i>Third Revision</i>)
IS/IEC 60947—4—1) : 2012	Low — Voltage Switchgear and Controlgear Part 4 Contactors and Motor — Starters Sec 1 Electromechanical Contactors and Motor — Starters First Revision



IS/IEC 60947—4—2) : 2011	Low — Voltage Switchgear and Controlgear Part 4 Contactors and Motor — Starters Sec 2 A C Semiconductor Motor Controllers and Starters (<i>First Revision</i>)
IS/IEC 62271—106 : 2012 IEC 62271—106 : 2012	High—Voltage Switchgear and Controlgear Part 106 Alternating Current Contactors, Contactor—Based Controllers and Motor—Starters
for more Standards Pertaining to Electrical Installations, please refer Section 2— Part A3	
National Building Code	
for Product Standards Pertaining to Civil Works, Please refer Section 2 — Part A1	
Waste management	
IS 16651: 2017	High Strength Deformed Stainless Steel Bars and Wires for Concrete Reinforcement — Specification
IS 3989 : 2009	Centrifugally Cast (Spun) Iron Spigot and Socket Soil, Waste, Ventilating and Rainwater Pipes, Fittings and Accessories — Specification (<i>Third Revision</i>)
IS 3589: 2001	Steel Pipes for Water and Sewage (168.3 To 2540 Mm Outside Diameter)
IS 8329 : 2000	Centrifugally Cast (Spun) Ductile Iron Pressure Pipes for Water, Gas and Sewage
9523: 2000	Ductile Iron Fittings for Pressure Pipes for Water, Gas and Sewage

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA



Other than Product Standards

Standards Published

Building Construction	
SP 20 (S&T):1991	Handbook On Masonry Design and Construction (<i>First Revision</i>)
IS 8888: 2020	Requirements of Low Income Housing for Urban Areas — Guide
IS 13727: 2020	Requirements of Cluster Planning for Housing — Guide
for more Standards other than Product Standards pertaining to Civil Works, please refer Section 2— Part A2	
Construction material	
IS 2212:1991	Brick Works — Code of Practice (<i>First Revision</i>)
IS 15259 : 2002	Installation and Maintenance of Home Lifts — Code of Practice
IS 17106 (Part 1) : 2019 ISO 22201—1 : 2017	Lifts (Elevators), Escalators and Moving Walks — Programmable Electronic Systems in Safety — Related Applications: Part 1 Lifts (Elevators) (Pessral)
for more Standards other than Product Standards pertaining to Civil Works, please refer Section 2— Part A2	
Disaster management	
IS 17848: 2022	Confined Masonry for Earthquake Resistance — Code of Practice
Energy Management	
for Standards Pertaining to Electrical Installations, please refer Section 2— Part A4	
Management System	
for Standards Pertaining to Management Systems for the scheme please refer Section 3	

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA



Smart Cities Mission

Ministry of Housing and Urban Affairs

About the Scheme/Mission

The Smart Cities Mission was launched in 2015 with the aim of developing 100 cities as smart cities. The mission focuses on providing core infrastructure, a clean and sustainable environment, and a decent quality of life to citizens through the application of smart solutions. The central government provides financial support of Rs. 48,000 crores over 5 years, with an equal contribution expected from the state and urban local bodies. The mission encourages private sector participation through public—private partnerships (PPP) and aims to create replicable models for sustainable and inclusive development.

Product Standards

Standards Published

Air Conditioners	
IS 1391 (Part 1) : 2017	Room Air Conditioners — Specification: Part 1 Unitary Air Conditioners (<i>Third Revision</i>)
IS 1391 (Part 2) : 2018	Room Air Conditioners — Specification: Part 2 Split Air Conditioners (<i>Third Revision</i>)
Construction material	
IS 17016 : 2018	Cationic Modified Bitumen Emulsion — Specification
for more Product Standards Pertaining to Civil Works, Please refer Section 2 — Part A1	
Electric Vehicle	
IS 17017 Part 1: 2018	Electric Vehicle Conductive Charging System Part 1 General Requirements
Pipes and fittings	
IS 1239:part1: 2014	Steel Tubes, Tubulars and Other Wrought Steel Fittings : Part 1 Steel Tubes
IS 3589: 2001	Steel Pipes for Water and Sewage (168.3 To 2540 Mm Outside Diameter)
IS 8329 : 2000	Centrifugally Cast (Spun) Ductile Iron Pressure Pipes for Water, Gas and Sewage
IS 9523: 2000	Ductile Iron Fittings for Pressure Pipes for Water, Gas and Sewage
IS 17875: 2022	Stainless Steel Seamless Pipes and Tubes for General Service
IS 17876: 2022	Stainless Steel Welded Pipes and Tubes for General Service
Sealants	
IS 17124 : 2019	Crack Sealants — Specification
Steel for structural use	
for Product Standards Pertaining to Civil Works, Please refer Section 2 — Part A1	
Television Receiver	
IS 18112 : 2022	Digital Television Receiver for Satellite Broadcast Transmission Specification



Waste management	
IS 16556 : 2016	Municipal Solid Waste Compost, Manure Grade — Specification
IS 5382 : 2018	Rubber Seals — Joint Rings for Water Supply, Drainage and Sewerage Pipelines — Specification for Materials

Standards under Development

Electric bicycle
Proposed Title: Bicycles — Electric Bicycles

Areas Identified for Standardization in Future

Proposed Subject
NA

Other than Product Standards

Standards Published

Habitats	
IS 17457: 2020	Sustainable Development of Habitats — Vocabulary
IS 17738: 2022	Sustainable Development of Habitats — Indicators for Smart Cities
IS 17785: 2022	Sustainable Development of Habitats — Indicators for Resilient Cities
Smart Cities	
IS 17000: 2019	Sustainable Development of Habitats — Indicators
IS 17451: 2020	Smart Community Infrastructure — Best Practices for Transportation — Guidelines
IS 17456: 2020	Smart Community Infrastructure — Guidance On Smart Transportation for Allocation of Parking Lots of CitiesSmart Transportation for Allocation of Parking Lotsof Cities
IS 17457: 2020	Sustainable Development of Habitats — Vocabulary
IS 18008 (Part 1) : 2021	Smart Cities— GIS Reference Architecture
IS 17738 : 2022	Sustainable Development of Habitats — Indicatorsfor Smart Cities
IS 17785: 2022	Sustainable Development of Habitats — Indicatorsfor Resilient Cities
IS 802.15.9 : 2021 IEEE Standard 802.15.9—2016	Recommended Practice for Transport of Key Management Protocol Kmp Datagrams
IS 802.15.4 : 2021 IEEE Std 802.15.4™ 2020	Low—Rate Wireless Networks

IS/ISO/IEC/IEEE 8802—1X : 2013	Information Technology — Telecommunications and Information Exchange Between Systems — Local and Metropolitan Area Networks Part 1x Port—Based Network Access Control
IS/ISO/IEC/IEEE 8802—11 : 2018	Information Technology — Telecommunications and Information Exchange Between Systems — Local and Metropolitan Area Networks — Specific Requirements Part 11 Wireless Lan Medium Access Control Mac and Physical Layer Phy Specifications
IS 18000 : 2020	Unified Digital Infrastructure — Ict Reference Architecture Udi—Ictra
IS 18002 (Part 1) : 2021	Unified Digital Infrastructure — Data Layer Part 1 Reference Architecture
IS 18003 (Part 1) : 2020	Unified Data Exchange Part 1 Architecture
IS 18003 (Part 2) : 2021	Unified Data Exchange Part 2 API Specifications
IS 18004 (Part 1) : 2021	IOT System Part 1 Reference Architecture
IS 18006 (Part 1) : 2021	Municipal Governance — Part 1 Reference Architecture
IS 18006 (Part 3/Sec 1) : 2021	Municipal Governance — Part 3 Property Tax — Section 1 Taxonomy
Smart Transportation	
IS 17456: 2020	Smart Community Infrastructure — Guidance On Smart Transportation for Allocation of Parking Lots of Cities
IS/ISO 39001 : 2012	Road Traffic Safety (Rts) Management Systems — Requirements With Guidance for Use
Telecommunication	
IS 18010 (Part 1) : 2020	Unified Digital Infrastructure — Unified Last Mile Communication Protocols Stack Part 1 Reference Architecture UDI — ULMCPS — RA
IS 18010 (Part 4/Sec 1) : 2022 IEEE Std 2857 — 2021	Wireless Smart Utility Network Field Area Network Fan Unified Digital Infrastructure Unified Last Mile Communication Protocols Stack Part 4 Network Access Interface Layer Section 1 Specification
IS 18010 (Part 5/Sec 1) : 2020	Unified Digital Infrastructure Unified Last Mile Communication Protocols Stack Part 5 Network Access Layer IEEE 802 15 4 Section 1 Specification
Waste management	
IS 17006 : 2018	Activities Relating To Drinking Water and Wastewater Services — Guidelines for The Management of Basic On — Site Domestic Wastewater Services
IS 16632 : 2017	Activities Relating To Drinking Water and Wastewater Services — Guidelines for The Management of Wastewater Utilities and for The Assessment of Wastewater Services
IS 17676 (Part 1) : 2021	Guidelines for The Management of Assets of Water Supply and Wastewater Systems Part 1:Drinking Water Distribution Networks
IS 17395 (Part 3) : 2020	Guidelines for The Management of Assets of Water Supply and Wastewater Systems Part 3 Wastewater Collection Networks
IS 17391 : 2020	Service Activities Relating To Drinking Water Supply Systems and Wastewater Systems — Guidelines for Benchmarking of Water Utilities

IS/ISO 24536 : 2019	Service Activities Relating To Drinking Water Supply Wastewater and Stormwater Systems — Stormwater Management — Guidelines for Stormwater Management in Urban Areas
IS 12647 : 2021	Solid Waste Management Collection Equipment Requirements and Guidelines
IS 12662 (Part 1) : 2021	Guidelines for Use of Vehicles for Collection and Transportation of Solid Wastes Part 1 Selection of Vehicles
IS 12662 (Part 2) : 2002	Vehicles for Collection of Municipal Solid Wastes: Part 2 Guidelines for Maintenance
IS 16557 : 2016	Solid Waste Management — Segregation, Collection and Utilization At Household/Community Level — Guidelines
Water management	
IS 17482: 2020	Drinking Water Supply Management System — Requirements for Piped Drinking Water Supply Service
IS 16633 : 2017	Activities Relating To Drinking Water and Wastewater Services — Guidelines for The Management of Drinking Water Utilities and for The Assessment of Drinking Water Service
<i>Standards under Development</i>	
Smart Transportation	
Smart Community Infrastructures — Smart Transportation for Compact Cities — Guidelines	
Smart Community Infrastructures Smart Transportation for Rapid Transit in and Between Large City Zones and Their Surrounding Areas Guidelines	

Areas Identified for Standardization in Future

Proposed Subject
NA



(Galvanized Organic Agricultural Resources Dhan)

Ministry of Housing and Urban Affairs

About the Scheme/Mission

The GOBAR—Dhan Scheme, launched by the Government of India, aims to positively impact village cleanliness, increase rural household income, and generate energy and organic manure from cattle waste. It provides a common platform for various ministries and departments to promote biodegradable waste management, rural entrepreneurship, and environmental sanitation. The scheme is implemented through the involvement of communities, emphasizing community—led planning, infrastructure ownership, and maximum utilization of financial resources. The Department of Drinking Water and Sanitation coordinates the implementation of the scheme by providing technical and financial assistance to states and Union Territories.

Product Standards

Standards Published

Agrotextile	
IS 15907 : 2010	Agro Textiles – High Density Polyethylene HDPE Woven Beds for Vermiculture – Specification
Energy Management	
IS 13152 (Part 1) : 2013	Portable Solid Bio — Mass Cookstove (Chulha) — Specification (<i>First Revision</i>)
IS 15464 : 2022	Anhydrous Ethanol for Use As Blending Component in Motor Gasoline Specification (<i>First Revision</i>)
IS 16087 : 2016	Biogas Biomethane — Specification (<i>First Revision</i>)
IS 8749 : 2002	Biogas Stove — Specification (<i>Second Revision</i>)
Waste Management	
IS 16556 : 2016	Municipal Solid Waste Compost Manure Grade — Specification
IS 17739 : 2022	Raw Coir Pith— Specifications
IS 12647 : 2021	Solid Waste Management Collection Equipment — Requirements and Guidelines (<i>First Revision</i>)
IS 5485 : 2022	Textiles — Cotton Yarn Waste — Specification (<i>Second Revision</i>)

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
Coir Pith Block Specification



Other than Product Standards

Standards Published

Energy Management	
IS 9478: 2023	Design, Construction, Installation and Operation of Biogas (Bio—Methane) Plant — Code of Practice
Waste management	
IS 9234 (Part 3) : 2023	Methods of Sampling and Test for Solid Waste Part 3 Chemical Analysis (Excluding Industrial Solid Wastes)

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
Performance Indicator for Enviro—Economic Social Governance and Impact Assessments for Environmental Social Governance (ESG'S)



Notes





Notes





Notes



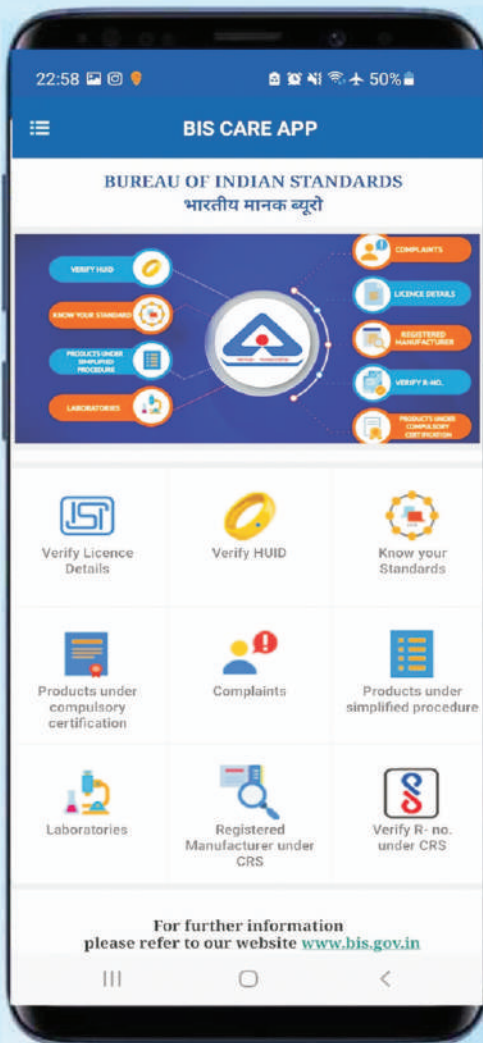


BIS CARE APP

A tool for Consumer Empowerment

Main features of the App

- Check the authenticity of the product with Standard mark by using 'Verify Licence Details'.
- Check the authenticity of Hallmarked Jewellery items with HUID number by using 'verify HUID'.
- Select 'Know your Standards' for information on any Indian Standard, licenses against it and laboratories for this product.
- Check the authenticity of electronic products with R-number by using 'Verify R-number' under CRS.
- Register complaints regarding quality of product or misuse of mark by using 'Complaints'.



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