



MAPPING OF INDIAN STANDARDS TO SCHEMES/MISSIONS OF GOVERNMENT OF INDIA MINISTRY OF AGRICULTURE AND FARMERS WELFARE

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 (First Revision)
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 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	Luminaires 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 Agriculture

Ministry of Agriculture & Farmers Welfare

About the Scheme/Mission

National Mission for Sustainable Agriculture (NMSA) has been formulated for enhancing agricultural productivity especially in rain fed areas focusing on integrated farming, water use efficiency, soil health management and synergizing resource conservation. NMSA derives its mandate from Sustainable Agriculture Mission which is one of the eight Missions outlined under National Action Plan on Climate Change (NAPCC).

Product Standards

Standards Published

Access to Information	
IS 17799:2022	Unmanned Aerial Vehicles (UAV) — Drones for Agricultural Purposes
Improved Farm Practices	
IS 15806 : 2018	Combine Harvester — Recommendations on Selected Performance and Other Characteristics (<i>First Revision</i>)
IS 17070 : 2019	Jute Agrotexiles for Growth of Plant and Suppression of Weeds – Specification
Nutrient Management	
IS 16556 : 2016	Municipal Solid Waste Compost Manure Grade — Specification
IS 8268: 2020	Rhizobium Inoculants — Specification (<i>Third Revision</i>)
IS 9138: 2020	Azotobacter Spp. Inoculants — Specification(<i>Third Revision</i>)
IS 14806: 2021	Azospirillum Inoculants
IS 14807: 2021	Phosphate Solubilising Bacterial Inoculant (PSBI) — Specification (<i>First Revision</i>)
IS 15849: 2009	Phosphate Solubilizing Fungal Inoculants — Aspergillus Awamori — Specification
IS 16702 : 2018	Vermicompost — Specification
IS 17134: 2020	Liquid Based Rhizobium Inoculants — Specification
IS 17135: 2019	Liquid Based Azotobacter Spp. Inoculants — Specification
IS 17136: 2019	Liquid Based Azospirillum Inoculants— Specification
IS 17137: 2019	Biofertilizer — Liquid Based Phosphate Solubilizing Bacterial Inoculants (PSBI) — Specification
IS 17672 : 2021	Potash Mobilizing Bacterial Inoculant KMBI — Specification
IS 17672 : 2021	Consortia of Microbial Inoculants Mixed Biofertilizer Inoculants — Specification



Pest Management — Biopesticide	
IS 14299 : 1995	Neem Extract Concentrate Containing Azadirachtin — Specification
IS 14300 : 1995	Neem Based EC Containing Azadirachtin — Specification
Promotion of Greenhouse Horticulture	
IS 15827 : 2019	Cladding Films for Greenhouse Polyhouse — Specifications (<i>First Revision</i>)
Water Use Efficiency	
IS 15830 : 2009	Surface Covered Cultivation — Plastics Mulching Laying Machine — Functional Requirements
IS 12232 (Part 1) : 1996/ ISO 7749—1: 1995	Irrigation Equipment — Rotating Sprinkler : Part 1 Design and Operational Requirements (<i>First Revision</i>)
IS 12785 : 1994	Irrigation Equipment — Strainer — Type Filters — Specification (<i>First Revision</i>)
IS 12786 : 1989	Irrigation Equipment — Polyethylene Pipes for Irrigation Laterals — Specification
IS 13487 : 1992	Irrigation Equipment — Emitters — Specification
IS 13488 : 2008	Irrigation Equipment — Emitting Pipe Systems — Specification (<i>First Revision</i>)
IS 17425 : 2020	Irrigation Equipment — Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems — Specification
IS 14482 : 1997	Irrigation Equipment — Polyethylene Micro Tubes for Drip Irrigation — Specification
IS 14605 : 1998	Irrigation Equipment — Micro Sprayers – Specification
IS 14606 : 2022	Irrigation Equipment — Media Filter
IS 14743 : 1999	Irrigation Equipment — Hydrocyclone Filters — Specification
IS 17411 (Part 2) : 2020/ ISO 9912—2 : 2013	Agricultural Irrigation Equipment — Filters for Micro Irrigation Part 2 Strainer— Type Filters and Disc Filters
IS 17216 : 2019	Polyethylene Mulch Films for Agriculture and Horticulture — Specification
IS 1677 : 2018	Rubber Hoses for Agricultural Spraying (<i>Third Revision</i>)
IS 16190 : 2014	Agro Textile – High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube for Irrigation Purpose – Specification

Standards under Development

Broad Category	
NA	

Areas Identified for Standardization in Future

Proposed Subject	
NA	



Other than Product Standards

Standards Published

Improved farm practices & Markets	
IS 15930 (Part 1) : 2011	Requirements for Good Agricultural Practices — Indiagap Part 1 Crop Base
IS 15930 (Part 3) : 2019	Requirements for Good Agricultural Practices — Indiagap Part 3 Combinable Crop Base
IS 15930 (Part 4) : 2019	Requirements for Good Agricultural Practices — Indiagap Part 4 Tea Base
IS 15930 (Part 5) : 2017	Requirements for Good Agricultural Practices — Indiagap Part 5 Coffee Base
IS 15930 (Part 7) : 2018	Requirements for Good Agricultural Practices — Indiagap Part 7 Poultry Base
IS 15930 (Part 8) : 2017	Requirements for Good Agricultural Practices — Indiagap Part 8 Cattle and Sheep Base
Market, Livelihood Diversification	
IS 6669 : 2001	Apples — Guide to Cold Storage
IS 7191 : 2001	Tomatoes — Guide to Cold Storage and Refrigerated Transport
IS 9303 : 2021	Guide for Cold Storage of Table Grapes
IS 11966 : 1997	Garlic — Cold Storage
IS 16118 : 2013	Strawberries — Guide to Cold Storage
IS 7192 : 2022	Guide for Storage of Citrus Fruits
IS 7730 : 2022	Guide for Storage of Pears
IS 7731 : 2021	Guide for Storage of Peaches
IS 9304 : 2022	Guide for Storage of Mangoes
IS 9311 : 2021	Guide to Storage of Onions
IS 11965 : 2022	Guide for Storage of Round Headed Cabbage
IS 16119 : 2013	Potatoes — Guidelines for Storage in Artificially Ventilated Stores
IS 14634: 1999	Code of Practice for Preparation and Application of Blue— Green Algae as Biofertilizer in Soils
Product Quality Monitoring	
IS 16550 (Part 1) : 2016	Organic Production System and Labelling of Organically Produced Products Part 1 Crop Based
IS 16550 (Part 2) : 2021	Organically Produced Food Products — Part 2 Animal Based
Promotion of Greenhouse Horticulture	
IS 14462 : 1997	Recommendations for Layout Design and Construction of Greenhouse Structures
IS 14485 : 1998	Recommendations for Heating — Ventilating and Cooling of Greenhouses
Water Use Efficiency	
IS 15175 : 2002	Surface Covered Cultivation Structure — Establishment and Operation of Mist Chamber — Guidelines



IS 15177 : 2002	Surface Covered Cultivation — Plastics Mulching — Code of Practice
IS 15828 : 2009	Design and Construction of Plastic Lined Farm Ponds — Code of Practice
IS 13062 : 1991	Irrigation Equipment and Systems — Evaluation of Field Irrigation Efficiencies — Guidelines
IS 14791 : 2000	Prevention and Treatment of Blockage Problem in Drip Irrigation System — Code of Practice
IS 14792 : 2000	Irrigation Equipment — Design Installation and Operation of Sprinkler Irrigation Systems — Code of Practice
IS 10799 : 1999	Irrigation Equipment — Design Installation and Field Evaluation of Micro Irrigation Systems — Code of Practice (<i>First Revision</i>)

Standards under Development

Improved farm practices
Guidelines for Hydroponics
Guidelines for Solid Media Based Farming
Guidelines for Aeroponics
Guidelines for Natural Farming Production System
Nutrient Management
Guidelines for Integrated Nutrient Management
Guidelines for Vermiculture
Pest Management
Guidelines for Integrated Pest Management
Water Use Efficiency
Remote Monitoring and Control Systems for Irrigation — Specification
Microirrigation System — Guidelines for Organic Fertigation System
Areas Identified for Standardization in Future
Proposed Subject
Guidelines on Sustainable Harvesting of Indian Medicinal Plants
Guidelines for Integrated Pest Management
Guidelines for Integrated Nutrient Management
Guidelines for Vermiculture
Guidelines for Hydroponics
Guidelines for Solid Media Based Farming
Guidelines for Aeroponics
Guidelines for Natural Farming Production System
Remote Monitoring and Control Systems for Irrigation — Specification
Microirrigation System— Guidelines for Organic Fertigation System
Guidelines for Contract Farming
Guidelines for Farm Waste Management



Rashtriya Krishi Vikas Yojana (RKVY)

Ministry of Agriculture & Farmers Welfare

About the Scheme/Mission

Rashtriya Krishi Vikas Yojana (RKVY) scheme provides considerable flexibility and autonomy to states in planning and executing programmes for incentivizing investment in agriculture and allied sectors. States initiate the process of decentralized planning for agriculture and allied sectors through preparation of District Agriculture Plans (DAPs) and State Agriculture Plan (SAP) based on agro-climatic conditions, availability of appropriate technology and natural resources to ensure accommodation of local needs, cropping pattern, priorities etc. RKVY has also enabled adoption of national priorities without affecting the autonomy and flexibility of States through sub-schemes.

Product Standards

Standards Published

Agriculture Machinery and Equipment	
IS 18063 : 2022	Scythes — Specification
IS 1976 : 1976	Specification for Rotary Paddy Weeder Manually — Operated (<i>Second Revision</i>)
IS 6288 : 1971	Test Code for Mould Board Ploughs
IS 6635 : 1972	Specification for Tractor Operated Disc Harrows
IS 6638 : 1972	Specification for Tractor — Mounted Spring — Loaded Cultivators
IS 6690 : 1981	Specification for Blades for Rotavator for Power Tillers (<i>First Revision</i>)
IS 7565 (Part 1) : 1975	Specification for Tines for Tractor — Operated Cultivators — Part I Rigid Tines
IS 7565 (Part 2) : 1988	Specification for Tines for Tractor — Operated Cultivators Part 2 — S — Type Tines
IS 7640 : 1975	Test Code for Disc Harrows
IS 7927 : 1975	Method of Field Testing for Manually — Operated Paddy Weeder
IS 4366 (Part 1) : 1985	Specification for Agricultural Tillage Discs Part 1 Concave Type (<i>Second Revision</i>)
IS 4366 (Part 2) : 1985	Specification for Agricultural Tillage Discs Part 2 Flat Type (<i>Second Revision</i>)
IS 9217 : 1979	Test Code for Agricultural Discs
IS 10233 : 1982	Specification for Tractor — Operated Disc Ploughs
IS 10691 : 1983	Specification for Share for Tractor — Operated Mouldboard Ploughs
IS 17045 : 2018	Rotary Tiller Rotavator — Tractor Driven — Test Procedure and Recommendations On Selected Performance Characteristics
IS 14540 : 1998	Intercultivation Equipment — Hand Hoes — Specification
IS 6316 : 1993	Sowing Equipment — Seed — Cum — Fertilizer Drill — Test Code (<i>First Revision</i>)



IS 6813 : 2000	Sowing Equipment — Seed — Cum — Fertilizer Drill — Specification (<i>Second Revision</i>)
IS 9856 : 1981	Test Code for Potato Planters
IS 11271 : 1985	Specification for Groundnut Planter
IS 11893 : 1986	Specification for Potato Planter Semi — Automatic
IS 11976 : 1986	Specification for Sugarcane Planter Semi — Automatic
IS 3327 : 1982	Specification for Pedal — Operated Paddy Threshers (<i>First Revision</i>)
IS 4358 : 1996	Specification for Sickles (<i>First Revision</i>)
IS 6025 : 1982	Specification for Knife Sections for Harvesting Machines (<i>First Revision</i>)
IS 6284 : 1985	Test Code for Power Thresher for Cereals (<i>Second Revision</i>)
IS 6320 : 1985	Specification for Power Thresher Hammer — Mill Type (<i>First Revision</i>)
IS 8122 (Part 1) : 1994	Test Code for Combine Harvester — Thresher Part 1 Terminology (<i>First Revision</i>)
IS 9019 : 1979	Code of Practice for Installation Operation and Preventive Maintenance of Power Threshers
IS 9581 : 1980	Safety and Operational Requirements for Pedestrian — Controlled Cylinder Reel Power Lawn Mowers
IS 9877 : 1981	Code of Practice for Installation Operation and Preventive Maintenance of Grain Combine
IS 11234 : 1985	Test Code for Power Thresher for Groundnut
IS 11467 : 1985	Test Code for Cereal — Harvesting Machines
IS 11691 : 1986	Specification for Power Thresher Spike Tooth Type
IS 7825 : 2004	Cylinder Type Hand Lawn Mower Specification (<i>First Revision</i>)
IS B9020 : 2002	Power Threshers — Safety Requirements (<i>First Revision</i>)
IS 15805 (Part 1) : 2008	Straw Reaper—Combine — Test Code Part 1 Terminology
IS 15806 : 2018	Combine Harvester — Recommendations On Selected Performance and Other Characteristics (<i>First Revision</i>)
IS 619 : 1979	Specification for Pruning and Slashing Knives Hooked and Curved (<i>Second Revision</i>)
S 2559 : 1978	Specification for Garden Rake (<i>First Revision</i>)
IS 3092 : 1982	Specification for Rubber Draining and Tapping Knife (<i>First Revision</i>)
IS 6283 (Part 1): 2006/ ISO 3767—1	Tractors and Machinery for Agriculture and forestry Powered Lawn and Garden Equipment — Symbols for Operator Controls and Other Displays Part 1 Common Symbols (<i>Second Revision</i>)
SP 44 : 1989	Handbook of Agricultural Machinery Terminology
IS 11270 : 1985	Technical Requirements for Ring — Type Hitches for Agricultural Trailers



IS 12334 : 1988	Specification for Tractor Mounted Bund former
IS/ISO 789—8: 1991/ ISO 789 : PART 8 : 1991	Agricultural Tractors — Test Procedures Part 8 Engine Air Cleaner
IS 8213 : 2000	Agricultural Tractor Trailer — Specification (<i>Third Revision</i>)
IS 8265 : 1996	Agricultural Tractors — Guards for Power Take — off PTO Drive — Shafts (<i>Second Revision</i>)
IS 10282 : 1982	Specification for Cage Wheel for Power Tillers
IS 10740 : 1983	Recommendation for Operating Requirement for Power Take – off Driven Implements
IS 11081 : 1993	Agricultural Tractors — Half Cage Wheel — Specification (<i>First Revision</i>)
IS 11082 : 1984	Technical Requirements of Agricultural Tractors for Wet Land Cultivation
IS 11442: 1996/ISO 5721	Agricultural Tractors — Operator 39 S Field of Vision — Test Procedures (<i>First Revision</i>)
IS 11905 : 1986	Specification for Shaft Assembly for Rotavator for Power Tiller
IS 12062 : 1987	Method for Measurement of Exhaust Smoke Emitted By agricultural Tractors
IS 12180 (Part 1) : 2000/ ISO 5131: 1996	Tractors and Machinery for Agriculture and forestry – Noise Measurement — Method of Test Part 1 Noise At The Operator 39 S Position — Survey Method
IS 12180 (Part 2) :2000/ ISO 7216 : 1992	Tractors and Machinery for Agriculture and forestry – Noise Measurement — Method of Test Part 2 Noise Emitted When in Motion
IS 12226 : 1995	Agricultural Tractors — Power Tests for Drawbar — Test Procedure
IS 12239 (Part 3) :1988	Guide for Safety and Comfort of Operator of Agricultural Tractors and Power Tillers Part 3 Requirements Relating To Power Tillers
IS 12363 : 1988	Recommendation On Track Width of Agricultural Tractors
IS 12953 : 1990	Drawbar for Agricultural Tractors — Link Type — Specification
IS 13064 : 1991	Power Tillers — Installation and Preventive Maintenance — Guidelines
IS 13549 : 1992/ISO 5676	Tractors and Machinery for Agriculture and forestry —Hydraulic Coupling – Braking Circuits
IS 13642 : 1993	Agricultural Tractors – Silencers Technical Requirements
IS 14683 : 1999	Agricultural Tractors and Machinery — Lighting Devices for Travel On Public Roads
IS 8133 : 2021	Guidelines for Location and Operation of Operator Controls On Agricultural Tractors and Machinery
IS 9253 : 2013	Agricultural Wheeled Tractors — Field Performance and Haulage Tests — Guidelines (<i>Third Revision</i>)
IS 10318 (Part 1): 2021/ ISO 5673	Agricultural Tractors and Machinery — Power Take—off Drive Shafts and ISO 5673Position of Power— Input Connection
IS 10318 (Part 1): 2021/ ISO 5673—1	Agricultural Tractors and Machinery Power Take—off Drive Shafts and Power— Input Connection Part 2 Specification for Use of PTO Drive Shafts and Position and Clearance of PTO Drive Line and Pic for Various Attachments



IS 11821 (Part 1): 2019/ ISO 3463: 2006	Tractors for Agriculture and forestry — Roll – Over Protective Structures Rops Part 1 Dynamic Test Method and Acceptance Conditions (<i>First Revision</i>)
IS 11821 (Part 2): 2018/ ISO 5700: 2013	Method of Tests and Acceptance Conditions for Protective Structures of Agricultural Tractors Part 2 Static Test (<i>Second Revision</i>)
IS 12343 : 2021	Agricultural Tractors – Operators Seat Technical Requirements
IS 17231 : 2019/ ISO 730 : 2009	Agricultural Wheeled Tractors — Rear — Mounted Three – Point Linkage — Categories 1n 1 2n 2 3n 3 4n and 4
IS 17408 (Part 1) : 2020/ ISO 16231—1: 2013	Self — Propelled Agricultural Machinery — Assessment of Stability Part 1 Principles
IS 17409 (Part 2) : 2020/ ISO 16231—2: 2015	Self — Propelled Agricultural Machinery — Assessment of Stability Part 2 Determination of Static Stability and Test Procedures
IS 12207 : 2022	Agricultural Tractors — Recommendations On Selected Performance Characteristics (<i>Fifth Revision</i>)
IS 13539 : 2018	Power Tiller — Recommendations On Selected Performance and Other Characteristics (<i>Second Revision</i>)
IS 15925 : 2012/ ISO 11449 : 1994	Walk — Behind Powered Rotary Tillers — Definitions, Safety Requirements and Test Procedures
IS 15806 : 2018	Combine Harvester — Recommendations On Selected Performance and Other Characteristics (<i>First Revision</i>)
IS 6997 : 2021	Test Code for Sugarcane Crushers
IS 7052 : 1973	Test Code for Power Maize Shellers
IS 7051 : 1973	Specification for Power Maize Shellers
IS 7898 : 2001	Manually — Operated Chaff Cutter — Specification (<i>Second Revision</i>)
IS 8824 (Part 1) : 2022	Electrical Moisture Meters Specification Part 1 Food Grains Seeds and Flour (<i>First Revision</i>)
IS 9049 : 1989	Agricultural Produce Milling Machinery — Paddy Dehusker Rubber Roll Type — Test Code (<i>First Revision</i>)
IS 9555 : 1999	Rice Polisher — Specification (<i>Second Revision</i>)
IS 9981 : 2020	Agricultural Produce Processing Equipment Glossary of Terms (<i>Second Revision</i>)
IS 10048 : 1999	Rice Grader — Specification (<i>Second Revision</i>)
IS 10507 : 1998	Paddy Separator — Specification (<i>First Revision</i>)
IS 11459 : 1985	Specification for Power — Operated Chaff Cutter
IS 11787 : 1986	Specification for Paddy Dehusker Rubber Roll Type
IS 11834 : 1986	Symbols and Flow Diagram for Rice Milling
IS 15829 : 2009	Cassava Chipping Machine — Hand Operated — Specification
IS 17853 : 2022	Equipment for Manufacturing of fortified Rice Kernels — Specification



IS 17854 : 2022	Equipment for Manufacturing of fortified Rice — Specification
IS 18145 : 2023	Vegetable Cutting Machine
Agro-Textiles	
IS 16089 : 2013	Jute Agro—Textile – Sapling Bags for Growth of Seedling/ Sapling – Specification
IS 16190 : 2014	Agro Textiles – High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube for Irrigation Purpose – Specification
IS 16202 : 2014	Agro Textiles – Woven Ground Covers for Horticulture Application – Specification
IS 16390 : 2015	Agro Textiles – Nylon Knitted Seamless Gloves for Tobacco Harvesters – Specification
IS 16513 : 2016	Agro Textiles – Insect Nets for Agriculture and Horticulture Purposes – Specification
IS 16627 : 2017	Agro Textiles – High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube for Use in Mains and Submains of Drip Irrigation System – Specification
IS 16718 : 2021	Textiles – Polypropylene Spun Bonded Non—Woven Crop Covers and Fruit Skirting Bags for Agricultural and Horticultural Applications – Specification (<i>First Revision</i>)
IS 17070 : 2019	Jute Agrotexiles for Growth of Plant and Suppression of Weeds – Specification
IS 17355 : 2020	Agro Textiles – Propylene Spun Bonded Non—Woven Mulch Mat for Agricultural and Horticultural Applications – Specification
IS 17513 : 2020	Agro Textiles – Plant Support Nets for Agriculture and Horticulture Purposes – Specification
IS 17728 : 2021	Agro Textiles – High Density Polyethylene (HDPE) Laminated Woven Lay Flat Tube and Fittings for Use in Rain Irrigation System – Specification
IS 17729 : 2021	Agro—Textiles – Flexible Water Storage Tank for Agriculture and Horticulture Purposes – Specification
Animal Feed	
IS 2052 : 2023	Compounded Feeds of Cattle — Specifications
IS 1374 : 2007	Poultry Feeds — Specification (<i>Fifth Revision</i>)
Bio Fertiliser	
IS 9138: 2020	Azotobacter Spp. Inoculants — Specification (<i>Third Revision</i>)
IS 14806: 2021	Azospirillum Inoculants
IS 14807: 2021	Phosphate Solubilising Bacterial Inoculant (Psbi) — Specification (<i>First Revision</i>)
IS 15849: 2009	Phosphate Solubilizing Fungal Inoculants — Aspergillus Awamori — Specification
IS 17134: 2020	Liquid Based Rhizobium Inoculants — Specification



IS 17135: 2019	Liquid Based Azotobacter Spp. Inoculants — Specification
IS 17136: 2019	Liquid Based Azospirillum Inoculants — Specification
IS 17137: 2019	Biofertilizer — Liquid Based Phosphate Solubilizing Bacterial Inoculants (Psbi) — Specification
IS 17672 : 2021	Potash Mobilizing Bacterial Inoculant Kmmbi — Specification
IS 17672 : 2021	Consortia of Microbial Inoculants Mixed Biofertilizer Inoculants — Specification
IS 8268: 2020	Rhizobium Inoculants — Specification (<i>First Revision</i>)
Composting	
IS 16556 : 2016	Municipal Solid Waste Compost Manure Grade — Specification
IS 16702 : 2018	Vermicompost — Specification
Dairy production	
IS 2492 : 2019	Stainless Steel Road Milk Tankers — Specification (<i>Second Revision</i>)
IS 2688 : 2009	Insulated Stainless Steel Horizontal Milk Storage Tank — Specification (<i>First Revision</i>)
IS 2689 : 2019	Stainless Steel Batch Pasteurizer — Specification (<i>First Revision</i>)
IS 3661 : 2023	Bulk Milk Cooling Tanks — Specification
IS 4938 : 2009	Insulated Stainless Steel Milk Storage Tank, Vertical Type — Specification (<i>First Revision</i>)
IS 6591 : 2023	Stainless Steel Rail Milk Tank Van — Specification
IS 9853 : 2018	Stainless Steel Accessories for Village Milk Collection Center — Specification (<i>First Revision</i>)
IS 16440 : 2016	Stainless Steel Milk Cans — Specification
Drone System	
IS 17799:2022	Drones for Agricultural Purposes
Fertilizer Testing	
IS 1970 : 1995	Crop Protection Equipment — Hand— Operated Compression —Knapsack Sprayer – Specification (<i>Fifth Revision</i>)
IS 1971 : 1996	Crop Protection Equipment — Hand— Operated Stirrup — Type Sprayer — Specification (<i>Fifth Revision</i>)
IS 3062 : 1995	Crop Protection Equipment —Rocker Sprayer – Specification (<i>Fourth Revision</i>)
IS 3652 : 1995	Crop Protection Equipment – Foot Sprayer — Specification (<i>Fourth Revision</i>)
IS 3906 : 1995	Crop Protection Equipment – Hand Operated Knapsack Sprayer Piston Type
IS 11313 : 2007	Hydraulic Power Sprayers — Specification (<i>First Revision</i>)
IS 15919 : 2012/ ISO 9898 : 2000	Equipment for Crop Protection — Test Methods for Air—Assisted Sprayers for Bush and Tree Crops

IS 17310 (Part 1) :2019/ ISO 16119—1: 2013	Agricultural and forestry Machinery – Environmental Requirements for Sprayers Part 1 General
IS 17310 (Part 2) :2019/ ISO 16119—2: 2013	Agricultural and forestry Machinery – Environmental Requirements for Sprayers Part 2 Horizontal Boom Sprayers
IS 17310 (Part 3) :2019/ ISO 16119—3: 2013	Agricultural and forestry Machinery – Environmental Requirements for Sprayers Part 3 Sprayers for Bush and Tree Crops
Gardening and Horticulture Equipment	
IS 2559 : 1978	Specification for Garden Rake
IS 3092 : 1982	Specification for Rubber Draining and Tapping Knife
IS 3093 : 1981	Specification for Dah Jungle Cutting (<i>First Revision</i>)
IS 3094 : 1982	Specification for Bill — Hook (<i>First Revision</i>)
IS 3108 : 1991	forestry Tools — Pruning Saw — Specification (<i>Second Revision</i>)
IS 3122 : 1982	Specification for Budding and Grafting Knife Combined (<i>First Revision</i>)
IS 10683 : 1983	Specification for Khurpi
IS 10684 : 1983	Specification for Tree Pruner
IS 9575 : 1980	Specification for Power Lawn Mower Pedestrian — Controlled Cylinder Reel Type
IS 12162 : 1987	Specification for Lifting Hook
IS 13373 : 1992	Horticultural Equipment — Grass Shear — Specification
IS 13374 : 1992	forestry Tools — Handsappie Nursery Kutla — Specification
IS 11204 : 1985	Specification for Sugarcane Harvesting Knife
Micro Irrigation	
IS 12232 (Part 1) : 1996/ ISO 7749—1: 1995	Irrigation Equipment — Rotating Sprinkler : Part 1 Design and Operational Requirements (<i>First Revision</i>)
IS 12785 : 1994	Irrigation Equipment — Strainer — Type Filters — Specification (<i>First Revision</i>)
IS 12786 : 1989	Irrigation Equipment — Polyethylene Pipes for Irrigation Laterals — Specification
IS 13487 : 1992	Irrigation Equipment — Emitters — Specification
IS 13488 : 2008	Irrigation Equipment — Emitting Pipe Systems — Specification (<i>First Revision</i>)
IS 17425 : 2020	Irrigation Equipment — Quick Coupled Polyethylene Pipes and Fittings for Sprinkler Irrigation Systems — Specification
IS 14482 : 1997	Irrigation Equipment — Polyethylene Micro Tubes for Drip Irrigation — Specification
IS 14605 : 1998	Irrigation Equipment — Micro Sprayers – Specification
IS 14606 : 2022	Irrigation Equipment — Media Filter
IS 14743 : 1999	Irrigation Equipment — Hydrocyclone Filters — Specification
IS 17411 (Part 2) : 2020/ ISO 9912—2 : 2013	Agricultural Irrigation Equipment — Filters for Micro Irrigation Part 2 Strainer— Type Filters and Disc Filters

Poultry Rearing	
IS 5283:1969	Specification for Poultry Waterers, Portable
IS 6544:1972	Specification for Wing Band — for Poultry
IS 6545:1972	Specification for Leg Band for Poultry
IS 6228:1971	Specification for Poultry Egg Fertility Tester
Water Supply and Sanitation for Agriculture	
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

Standards under Development

Aquaculture	
Fish Feed — Specification, part 6 Marine Carnivorous Fish Feed	
Fish Feed — Specification, part 7 tilapia Fish Feed	
Micro Irrigation	
Remote Monitoring and Control System for Irrigation	

Areas Identified for Standardization in Future

Proposed Subject	
Remote Monitoring and Control System for Irrigation	
Fish Feed — Specification, part 6 Marine Carnivorous Fish Feed	
Fish Feed — Specification, part 7 tilapia Fish Feed	
Specification for Ripening/ Curing Chamber	

Other than Product Standards

Standards Published

Agriculture Machinery and Equipment	
IS 8122 (Part 2) : 2000	Combine Harvester — Thresher — Test Code Part 2 Performance Test (<i>First Revision</i>)
IS 13818 : 1993	Harvesting Equipment — Tractor Operated Potato Digger Shakers — Test Code
IS 15805 (Part 2) : 2008	Straw Reaper — Combine Test Code Part 2 Performance Tests
IS 17156 (Part 1) : 2019	Cotton Picker Machine Part 1 Terminology
IS 17156 (Part 2) : 2020	Cotton Picker Machine Part 2 Performance Test
IS 17626 : 2021	Self—Propelled Sugarcane Harvester Test Methods



IS 12061 : 1994	Agricultural Tractors – Braking Performance — Method of Test
IS 14414 : 1996/ ISO 789—7	Agricultural Tractors — Axle Power Determination — Test Procedures
IS 6840 : 2013	Preventive Maintenance of Agricultural Wheeled Tractors — Code of Practice First Revision
IS 9935 : 2002	Power Tiller — Test Code (<i>Second Revision</i>)
IS 5994 : 2022	Agricultural Tractors — Test Code (<i>Fourth Revision</i>)
IS 11473 : 2002	Groundnut Decorticator — Test Code (<i>First Revision</i>)
S 14603 : 1998	Potato Grader — Test Code
Agriculture Practices	
IS 16550 (Part 1) : 2016	Organic Production System and Labelling of Organically Produced Products Part 1 Crop Based
IS 16550 (Part 2) : 2021	Organically Produced Food Products — Part 2 Animal Based
IS 15930 (Part 1) : 2011	Requirements for Good Agricultural Practices — Indiagap Part 1 Crop Base
IS 15930 (Part 3) : 2019	Requirements for Good Agricultural Practices — Indiagap Part 3 Combinable Crop Base
IS 15930 (Part 4) : 2019	Requirements for Good Agricultural Practices — Indiagap Part 4 Tea Base
IS 15930 (Part 5) : 2017	Requirements for Good Agricultural Practices — Indiagap Part 5 Coffee Base
IS 15930 (Part 7) : 2018	Requirements for Good Agricultural Practices — Indiagap Part 7 Poultry Base
IS 15930 (Part 8) : 2017	Requirements for Good Agricultural Practices — Indiagap Part 8 Cattle and Sheep Base
Aquaculture	
IS 14520 : 2018	Fish Industry — Operational Cleanliness and Layout of Market — Guidelines (<i>First Revision</i>)
IS 16292 : 2014/ ISO 12877 : 2011	Traceability of Finfish Products — Specification On The Information To Be Recorded in Farmed Finfish Distribution Chains
IS 16293 : 2014/ ISO 12875 : 2011	Traceability of Finfish Products — Specification On The Information To Be Recorded in Captured Finfish Distribution Chains
IS 17186 : 2019/ ISO 16741 : 2015	Traceability of Crustacean Products — Specifications On The Information To Be Recorded in Farmed Crustacean Distribution Chains
IS 17187 : 2019/ ISO 18537 : 2015	Traceability of Crustacean Products — Specifications On The Information To Be Recorded in Captured Crustacean Distribution Chains
IS 17188 : 2019/ ISO 18538 : 2015	Traceability of Molluscan Products — Specifications On The Information To Be Recorded in Farmed Molluscan Distribution Chains
IS 17189 : 2019/ ISO 18539 : 2015	Traceability of Crustacean Products — Specifications On The Information To Be Recorded in Captured Crustacean Distribution Chains
IS 17281 : 2019	Requirements for Good Aquaculture Practices — India GAqP Shrimp Hatchery and Grow Out Farms



IS 17282 : 2019	Requirements for Good Aquaculture Practices — India GAqP Striped Catfish (<i>Pangasianodon Hypophthalmus</i>)
IS 17283 : 2019	Requirements for Good Aquaculture Practices — India GAqP Carps
IS 17284 : 2019	Requirements for Good Aquaculture Practices — India GAqP for Freshwater Prawn Culture
IS 17285 : 2019	Good Aquaculture Practices for Cage Culture in Fresh Water
Bio Fertiliser	
IS 14634: 1999	Code of Practice for Preparation and Application of Blue — Green Algae As Biofertilizer in Soils
Dairy Production	
IS 9854 : 2018	Code for Construction of Milk Delivery Vans (<i>First Revision</i>)
Fertiliser Testing	
IS 6092 (Part 2/Sec 1): 2004	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 1 Introduction (<i>Second Revision</i>)
IS 6092 (Part 2/Sec 2): 2004	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 2 Test Methods Not Covered under Dual Number Standards (<i>Second Revision</i>)
IS 6092 (Part 2/Sec 3): 2004 /ISO 4176	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 3 Nitrate Nitrogen Content — Nitron Gravimetric Method
IS 6092 (Part 2/Sec 4): 2004 /ISO 5314	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 4 Ammoniacal Nitrogen Content — Titrimetric Method After Distillation
IS 6092 (Part 2/Sec 5): 2004 /ISO 5315	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 5 Total Nitrogen Content — Titrimetric Method After Distillation
IS 6092 (Part 2/Sec 6): 2004 /ISO 7408	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 6 Ammoniacal Nitrogen Content in The Presence of Other Substances Which Release Ammonia When Treated With Sodium Hydroxide — Titrimetric Method
IS 6092 (Part 2/Sec 7): 2004 /ISO 8603	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 7 Solid Fertilizers — Determination of Urea Nitrogen Content — Gravimetric Method Using Xanthidrol
IS 6092 (Part 3/Sec 1): 2004	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 1 Introduction (<i>Second Revision</i>)
IS 6092 (Part 3/Sec 2): 2004	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 2 Test Methods Not Covered under Dual Number Standards (<i>Second Revision</i>)
IS 6092 (Part 3/Sec 3): 2004 /ISO 5316	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 3 Extraction of Water — Soluble Phosphates
IS 6092 (Part 3/Sec 4): 2004 /ISO 6598	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 4 Quinoline Phosphomolybdate Gravimetric Method



IS 6092 (Part 3/Sec 5): 2004 /ISO 7497	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 5 Extraction of Phosphates Soluble in Mineral Acids
Micro Irrigation	
IS 12232 (Part 2) : 1995	Irrigation Equipment — Rotating Sprinkler : Part 2 Test Method for Uniformity of Distribution (<i>First Revision</i>)
IS 13062 : 1991	Irrigation Equipment and Systems — Evaluation of Field Irrigation Efficiencies – Guidelines
IS 14791 : 2000	Prevention and Treatment of Blockage Problem in Drip Irrigation System — Code of Practice
IS 14792 : 2000	Irrigation Equipment — Design Installation and Operation of Sprinkler Irrigation Systems — Code of Practice
IS 10799 : 1999	Irrigation Equipment — Design Installation and Field Evaluation of Micro Irrigation Systems — Code of Practice (<i>First Revision</i>)
Poultry Rearing	
IS 5309 : 2001	Poultry Farming Equipment – Brooders – Specification (<i>Second Revision</i>)
IS 5238 : 2001	Transport of Poultry – Code of Practice (<i>Second Revision</i>)
Storage Guidelines	
IS 6669 : 2001	Apples — Guide To Cold Storage
IS 7191 : 2001	Tomatoes — Guide To Cold Storage and Refrigerated Transport
IS 9303 : 2021	Guide for Cold Storage of Table Grapes
IS 11966 : 1997	Garlic — Cold Storage
IS 16118 : 2013	Strawberries — Guide To Cold Storage
IS 7192 : 2022	Guide for Storage of Citrus Fruits
IS 7730 : 2022	Guide for Storage of Pears
IS 7731 : 2021	Guide for Storage of Peaches
IS 9304 : 2022	Guide for Storage of Mangoes
IS 9311 : 2021	Guide To Storage of Onions
IS 11965 : 2022	Guide for Storage of Round Headed Cabbage
IS 16119 : 2013	Potatoes — Guidelines for Storage in Artificially Ventilated Stores
Water Supply and Sanitation for Agriculture	
IS/ISO 10006 : 2017	Quality Management Systems — Guidelines for Quality Management in Projects
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



Standards under Development

Agriculture Practices
Guidelines for Integrated Pest Management
Requirements for Good Aquaculture Practices India Gaqp Seaweed Culture
Guidelines for Integrated Nutrient Management
Guidelines for Vermiculture
Guidelines for Natural Farming Production System
Aquaculture
Good Aquaculture Practices for Sea Cage Farming
Requirements for Good Aquaculture Practices India Gaqp Marine Finfish Hatchery

Areas Identified for Standardization in Future

Proposed Subject
Requirements for Good Aquaculture Practices India GAqP Marine Finfish Hatchery
Guidelines for Integrated Pest Management
Good Aquaculture Practices for Sea Cage Farming
Requirements for Good Aquaculture Practices India GAqP Seaweed Culture
Guidelines for Integrated Nutrient Management
Guidelines for Vermiculture
Guidelines for Natural Farming Production System



Bio-input Resource Centres for Natural Farming

Ministry of Agriculture & Farmers Welfare

About the Scheme/Mission

Bio-Resource Input Centers' (BRCs) are one of the possible input support systems that could help in resolving this issue of accessibility to natural farm inputs. Its promotion, as a single stop shop for all bio input needs will not only help farmers to learn but also adopt these technologies in their farm to sustain their livelihood and to make it professionally viable and profitable

Product Standards

Standards Published

Agro - Textiles	
IS 15907 : 2010	Agro Textiles – High Density Polyethylene HDPE Woven Beds for Vermiculture – Specification
Nutrient Management	
IS 16702 : 2018	Vermicompost — Specification

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA

Other Than Product Standards

Standards Published

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
Data Content Standard for Geospatial Information Part 1: Geology
Data Content Standard for Geospatial Information Part 2: Soil
Data Content Standard for Geospatial Information Part 3: forestry



National Food Security Mission-Oilseeds (NFSM-OS)

Ministry of Agriculture & Farmers Welfare

About the Scheme/Mission

National Food Security Mission-Oilseeds (NFSM-OS) is being implemented by the Government of India to augment the availability of edible oils and reduce the import burden by increasing the production and productivity of oilseeds (Groundnut, Soybean, Rapeseed & Mustard, Sunflower, Safflower, Sesame, Niger, Linseed and Castor) and area expansion of Oil Palm & Tree Borne Oilseeds (Olive, Mahua, Kokum, Wild Apricot, Neem, Jojoba, Karanja, Simaroba, Tung, Cheura and Jatropha) in the country. The scheme comprises of three sub-missions namely, NFSM-Oilseeds, NFSM-Oil Palm and NFSM-Tree Borne Oilseeds.

Product Standards

Standards Published

Edible Oil	
IS 10325 : 2000	Square Tins — 15 Kg/Litre for Ghee, Vanaspati, Edible Oils and Bakery Shortenings — Specification (<i>Second Revision</i>)
IS 10339 : 2000	Ghee, Vanaspati, Edible Oil Tins Up To 10 Kg/Litre Capacity — Specification (<i>Second Revision</i>)
IS 544 : 2014	Groundnut Oil — Specification (<i>Third Revision</i>)
IS 546 : 2014	Mustard Oil — Specification (<i>Third Revision</i>)
IS 4277 : 2014	Sunflower Oil — Specification (<i>Second Revision</i>)
IS 8323 : 2018	Palm Oil — Specification (<i>First Revision</i>)
IS 8361 : 2014	Palmolein — Specification (<i>First Revision</i>)
IS 13794 : 1993	Oilseeds Milling Machinery — Power Ghanies Portable — Specification
IS 14309 : 1995	Blended Edible Vegetable Oils — Specification

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA



Other than Product Standards

Standards Published

Edible Oil	
IS 548 (Part 1/Sec 2) : 2021	Method of Sampling and Test for Oils and Fats Part 1 Sampling Physical and Chemical Tests Section 2 Physical and Chemical Tests
IS 548 (Part 2) : 1976	Methods of Sampling and Test for Oils and Fats: Part 2 Purity Test (<i>Third Revision</i>)
IS 3579 : 1966	Methods of Test for Oilseeds
IS 4115 : 1967	Methods for Sampling of Oil Seeds
IS 14349 : 1996	Code for Hygienic Conditions for Edible Oil and Vanaspati Manufacturing Units
IS 17459 : 2021/ ISO 17932:2011	Palm Oil — Determination of The Deterioration of Bleachability Index (Dobi) and Carotene Content (Adoption of ISO 17932 : 2011)

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA



PM Annadata Aay Sanrakshan Abhiyan
(PM AASHA, Farmer Income Protection Scheme)
Ministry of Agriculture & Farmers Welfare

About the Scheme/Mission

Pradhan Mantri Annadata Aay Sanrakshan Abhiyan' (PM-AASHA) is an umbrella scheme to ensure Minimum Support Price (MSP) to farmers. It comprises the erstwhile Price Support Scheme (PSS) with certain modifications and rolling out of new schemes of Price Deficiency Payment Scheme (PDPS) and pilot of Private Procurement and Stockist Scheme (PPSS).

Product Standards

Standards Published

Food Products	
IS 16516:2018	Bajra - Specification
IS 16518:2018	Maize - Specification
IS 16519:2019	Jowar - Specification
IS 16520:2018	Barley - Specification
IS 16682:2018	Ragi - Specification

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA

Other than Product Standards

Standards Published

Food storage	
IS 11816 (Part 1) : 2010	Storage of Cereals and Pulses: Part 1 General Recommendations for The Keeping of Cereals (<i>First Revision</i>)
IS 11816 (Part 2) : 2009	Storage of Cereals and Pulses: Part 2 Practical Recommendations
IS 11816 (Part 3) : 2018	Storage of Cereals and Pulses: Part 3 Control of Attack By Pests
Management system	
for more 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



PM-PRANAM-Balanced use of fertilisers and alternative fertilisers

Ministry of Agriculture & Farmers Welfare

About the Scheme/Mission

PM-PRANAM aims to incentivise states to promote alternative fertilisers and reduce the use of chemical fertilisers and also decided to continue the current urea subsidy scheme for three years ending March 2025, with an outlay of Rs 3.68 lakh crore. PM-PRANAM is aimed at saving the soil and promote sustainable balanced use of fertilisers. The scheme also involves active participation of the state governments.

Product Standards

Standards Published

Fertiliser	
IS 14806 : 2021	Azospirillum Inoculant — Specification
IS 17136 : 2019	Biofertilizer — Liquid Based Azospirillum Inoculants — Specification
IS 17137 : 2019	Biofertilizer — Liquid Based Phosphate Solubilizing Bacterial Inoculants PSBI — Specification
IS 8268 : 2020	Rhizobium Inoculants — Specification (<i>Third Revision</i>)
IS 9138 : 2020	Azotobacter Spp Inoculants — Specification (<i>Third Revision</i>)
IS 14807 : 2021	Phosphate Solubilizing Bacterial Inoculant PSBI — Specification First Revision
IS 15849:2009	Phosphate Solubilizing Fungal Inoculant Aspergillus Awamori — Specification
IS 17134 : 2020	Biofertilizer — Liquid Based Rhizobium Inoculants — Specification
IS 17135 : 2019	Biofertilizer — Liquid Based Azotobacter Spp Inoculants — Specification
IS 17755 : 2022	Consortia of Microbial Inoculants (Mixed Biofertilizer Inoculants) — Specification
IS 18121 : 2023	Biofertilizer Liquid Based Phosphate Solubilizing Fungal Inoculants Aspergillus Awamori Specification

Standards under Development

Fertiliser
Biofertilizer Mycorrhiza Inoculum — Specifications

Areas Identified for Standardization in Future

Proposed Subject
NA



Other than Product Standards

Standards Published

Fertiliser	
IS 14634 : 1999	Code of Practice for Preparation and Application of Blue — Green Algae As Biofertilizer in Soils
IS 1304 : 2021	Glossary of Terms Used in Fertilizer Trade and Industry
IS 5985 : 1985	Code of Practice for Handling and Storage of Bagged Fertilizers (<i>First Revision</i>)
IS 6092 (Part 1): 1985	Methods of Sampling and Test for Fertilizers: Part 1 Sampling (<i>First Revision</i>)
IS 6092 (Part 2): 1985	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen (<i>First Revision</i>)
IS 6092 (Part 2/Sec 1): 2004	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 1 Introduction (<i>Second Revision</i>)
IS 6092 (Part 2/Sec 2): 2004	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 2 Test Methods Not Covered under Dual Number Standards (<i>Second Revision</i>)
IS 6092 (Part 2/Sec 3): 2004 ISO 4176	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 3 Nitrate Nitrogen Content — Nitron Gravimetric Method
IS 6092 (Part 2/Sec 4): 2004 ISO 5314	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 4 Ammoniacal Nitrogen Content — Titrimetric Method After Distillation
IS 6092 (Part 2/Sec 5): 2004 ISO 5315	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 5 Total Nitrogen Content — Titrimetric Method After Distillation
IS 6092 (Part 2/Sec 6): 2004 ISO 7408	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 6 Ammoniacal Nitrogen Content in The Presence of Other Substances Which Release Ammonia When Treated With Sodium Hydroxide — Titrimetric Method
IS 6092 (Part 2/Sec 7): 2004 ISO 8603	Methods of Sampling and Test for Fertilizers: Part 2 Determination of Nitrogen: Sec 7 Solid Fertilizers — Determination of Urea Nitrogen Content — Gravimetric Method Using Xanthidrol
IS 6092 (Part 3): 1985	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus (<i>First Revision</i>)
IS 6092 (Part 3/Sec 1): 2004	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 1 Introduction (<i>Second Revision</i>)
IS 6092 (Part 3/Sec 2): 2004	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 2 Test Methods Not Covered under Dual Number Standards (<i>Second Revision</i>)
IS 6092 (Part 3/Sec 3): 2004 ISO 5316	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 3 Extraction of Water — Soluble Phosphates
IS 6092 (Part 3/Sec 4): 2004 ISO 6598	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 4 Quinoline Phosphomolybdate Gravimetric Method



IS 6092 (Part 3/Sec 5): 2004 ISO 7497	Methods of Sampling and Test for Fertilizers: Part 3 Determination of Phosphorus: Sec 5 Extraction of Phosphates Soluble in Mineral Acids
IS 6092 (Part 4) : 1985	Methods of Sampling and Test for Fertilizers: Part 4 Determination of Potassium (<i>First Revision</i>)
IS 6092 (Part 5) : 1985	Methods of Sampling and Test for Fertilizers: Part 5 Determination of Secondary Elements and Micronutrients (<i>First Revision</i>)
IS 6092 (Part 6) : 1985	Methods of Sampling and Test for Fertilizers: Part 6 Determination of Moisture and Impurities (<i>First Revision</i>)

Standards under Development

Broad Category
NA

Areas Identified for Standardization in Future

Proposed Subject
NA

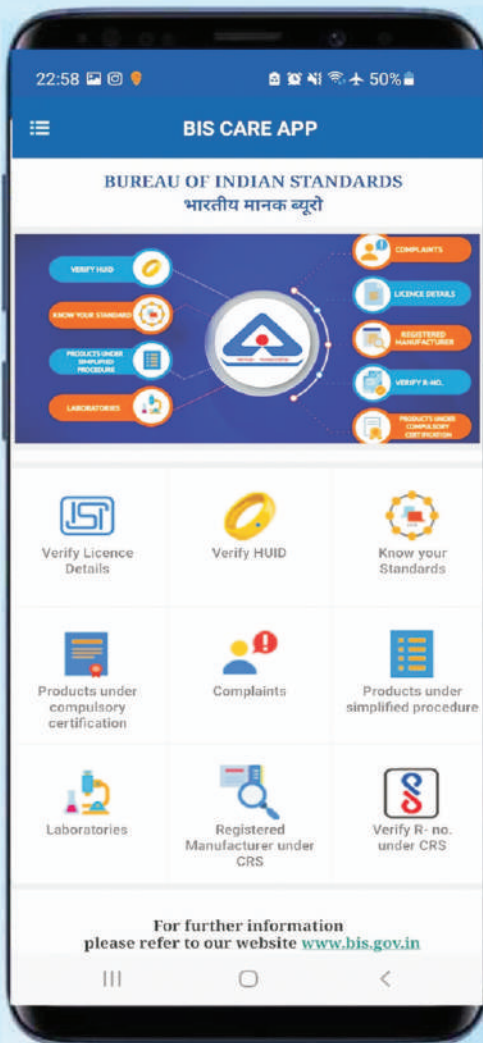


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