

LIST OF INDIAN STANDARDS
and
SUBJECTS UNDER STANDARDIZATION
(As on 31 Dec 1989)



WATER MISSION

**QUALITY ASSURANCE FOR WATER SUPPLY MISSION
(QAWSM)**

**भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS**

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FOREWORD

The Bureau of Indian Standards (BIS), as the national standards body, is providing standardisation and quality assurance support to the National Drinking Water Mission under the Quality Assurance for Water Supply Mission (QAWSM) Project assigned to it by the Department of Rural Development, Ministry of Agriculture.

BIS has been actively associated with the Mission as the Technology Advisory Group, TAG IV, 'Materials and Design', which is one of the four groups set up to provide science and technology inputs in the execution of the Mission. TAG IV created four Task Forces to coordinate development activities, guideline activities, training and development of non-conventional energy sources and BIS was nominated coordinator of TF2 'Guideline Activities'. Under TF2, BIS has undertaken preparation of the following special publications:

(i) Guidelines for location, installation and operation of water wells (Tubewells/Borewells)

(ii) Guidelines for selection of appropriate types of pipes and pipe materials

In addition, BIS has identified over 250 published Indian Standards and about 50 new subjects of direct interest to the Mission which are given in this list. This list is subject to periodic review based on interactions with rural water supply agencies.

MSN 8102
201 90 L1

**LIST OF INDIAN STANDARDS RELATING TO
TECHNOLOGY MISSION ON DRINKING WATER IN VILLAGES**

Published Indian Standards

WATER WELLS

1. Glossary

IS:9439-1980 Glossary of terms used in waterwell drilling technology

2. Codes of Practice

*IS:2800 Code of practice for construction and testing of tubewells

*Part I-1979 Construction (first revision)
Part II-1979 Testing (first revision)

IS:6935-1973 Method of determination of water level in borehole

IS:11189-1985 Methods for tubewell development

IS:11632-1986 Code of practice for rehabilitation of tubewell

3. Well Components

IS:4097-1967 Gravel for use as pack in tubewells

*IS:4270-1983 Steel tubes used for water wells (first revision)

IS:5494-1969 Leaded brass sheets and strips for use in the manufacture of tubewell strainer

IS:8110-1985 Well screens and slotted pipes (first revision)

4. Drilling Equipment, Accessories and Methods

*IS:7156-1974 General requirements for reverse circulation drilling rigs

IS:7206 General requirements for direct circulation rotary drilling rigs

Part 1-1986 With rotary table (first revision)

*Standard under revision

** Revision finalised/under printing

- IS:7209-1974 General requirements for blast hold drilling rigs
- IS:8986-1978 Dimensions for drill steels in bar form for percussive drilling
- IS:9026-1978 Rope threaded percussive long hole drilling equipment
- IS:11180-1985 Square and hexagonal kelleys for direct rotary drilling
- IS:11312 External upset drill pipe assemblies for use in water well drilling
- Part 1-1985 Screwed on joints drill pipe size
- IS:11672-1986 Tungsten carbide buttons and insets for use in down the hole (DTH) bits
- IS:11710-1986 Code of practice for selection and design of diamond core drills
- *IS:11830 General requirements for down-the-hole hammer rigs for water wells
- *Part 1-1986 Hydraulic rigs
- Part 2-1989 Pneumatic drill rigs
- IS:12090-1987 Dimensions of rotary tables for direct rotary drilling equipment
- IS:12097-1987 Classification and selection of drilling rigs for water well drilling
- IS:12194-1987 Dimensions for rock roller bits and blade drag bits for rock drilling equipment
- IS:12214-1987 General requirements for rotary hose for water well drilling equipment
- IS:12629-1989 Recommended practice for care and use of rotary hose for rotary drilling

PUMPS AND PRIME MOVERS

1. Pumps and Related Standards

1) Hand Pumps

- IS:8035-1976 Shallow well hand pumps
- *IS:9301-1984 Deepwell hand pumps (second revision)
- *IS:11004 Code of practice for installation and maintenance of deepwell hand pumps

*Part 1-1985 Installation

*Part 2-1985 Maintenance

ii) Other Pumps

IS:1520-1980 Horizontal centrifugal pumps for clear, cold, fresh water (second revision)

**IS:1710-1972 Vertical turbine pumps for clear, cold, fresh water (first revision)

*IS:6595-1980 Horizontal centrifugal pumps for clear, cold, fresh water for agricultural purposes (first revision)

IS:8034-1989 Submersible pump sets for clear, cold, fresh water (first revision)

IS:8418-1977 Horizontal centrifugal self priming pumps

IS:8472-1977 Regenerative self priming pumps for clear, cold, fresh water

IS:9079-1989 Monoset pumps for clear, cold fresh water for agricultural purposes (first revision)

IS:9137-1978 Code for acceptance test for centrifugal mixed flow and axial pumps - Class C

IS:9542-1980 Horizontal centrifugal monoset pumps for clear, cold, fresh water

IS:9694 Code of practice for the selection, installation, operation and maintenance of horizontal centrifugal pumps for agricultural applications

Part 1 - 1987 Selection (first revision)

Part 2 - 1980 Installation

Part 3 - 1980 Operation

Part 4 - 1980 Maintenance

IS:10572-1983 Methods of sampling for pumps

IS:10804-1986 Recommended pumping systems for agricultural purposes (first revision)

IS:10981-1983 Code for acceptance test for centrifugal mixed flow and axial pumps - Class B

IS:11346-1985 Testing set up for agricultural pumps

IS:11501-1986 Engine monoset pumps for clear, cold fresh water for agricultural purposes

IS:12225-1987 Technical requirements for jet centrifugal pump combination

IS:12928-1988 Chain washer pumps

2. Prime Movers

IS:325-1978 Three-phase induction motors

*IS:900-1965 Code of practice for installation and maintenance of induction motors

IS:996-1979 Single-phase small ac and universal electric motors (second revision)

*IS:4029-1967 Guide for testing three-phase induction motors

IS:7347-1974 Performance of small size spark ignition engines

IS:7538-1975 Three-phase squirrel cage induction motors for centrifugal pumps for agricultural application

IS:8783-1978 PVC insulated winding wires for submersible motors

IS:8789-1978 Values of performance characteristics for three-phase induction motors

IS:9283-1979 Motors for submersible pumpsets

IS:10001-1981 Performance requirements for constant speed /compression ignition (diesel) engines for general purposes (up to 20 kw)

IS:11170-1985 Performance requirements for constant speed compression ignition (diesel) engines for agricultural purposes (up to 20 kW)

3. Water Lifting Devices

IS:10808-1984 Code of practice for installation, operation and maintenance of hydraulic rams

IS:10809-1984 Hydraulic rams

IS:11390-1985 Test code for hydraulic rams

PIPES AND FITTINGS

1. General

IS:782-1979 Caulking lead (third revision)

IS:5382-1985 Rubber sealing rings for gas mains, water mains and sewers (first revision)

IS:6837-1973 Three wheel type pipe cutter

IS:6843-1984 Technical supply conditions for pipe cutters
(first revision)

IS:6881-1973 Link type pipe cutters

IS:10883-1984 Single wheel type pipe cutters

IS:11906-1986 Recommendations for cement-mortar lining for
cast-iron, mild steel and ductile-iron pipes and fittings
for transportation of water

2. Steel

*IS:1239 Mild steel tubes, tubulars and other wrought steel
fittings

*Part 1-1979 Mild steel tubes (fourth revision)

Part 2-1982 Mild steel tubulars and other wrought
steel pipe fittings (third revision)

*IS:1978-1982 Line pipe (second revision)

*IS:3589-1981 Electrically welded steel pipes for water, gas and
sewage (150 to 2000 mm nominal size) (first revision)

IS:4711-1974 Methods for sampling of steel pipes, tubes and
fittings (first revision)

IS:4736-1986 Hot dip zinc coatings on mild steel tubes (first
revision)

*IS:5504-1969 Spiral welded pipes

IS:5822-1986 Code of practice for laying of welded steel pipes
for water supply (first revision)

IS:6392-1971 Steel pipe flanges

IS:6631-1972 Steel pipes for hydraulic purposes

IS:8062 Code of practice for cathodic protection of
steel structures

Part 1-1976 General principle

Part 2-1976 Underground pipelines

IS:10221-1982 Code of practice for coating and wrapping of
underground mild steel pipelines

IS:11722-1986 Thin walled flexible quick coupling pipes

Cast & Ductile Iron

**IS:1536-1976 Centrifugally cast (spun) iron pressure pipes for
water, gas and sewage (second revision)

- IS:1537-1976 Vertically cast iron pressure pipes for water, gas and sewage (first revision)
- *IS:1538 Cast iron fittings for pressure pipes for water, gas and sewage (second revision)
- *Part 1-1976 General requirements
 - *Part 2-1976 Specific requirements for sockets and spigots of pipes
 - *Part 3-1976 Specific requirements for sockets of fittings
 - *Part 4-1976 Specific requirements for flanges of pipes and fittings
 - *Part 5-1976 Specific requirements for raised flanges
 - *Part 6-1976 Specific requirements for standard flanges drilling of flanged pipes and fittings
 - *Part 7-1976 Specific requirements for flanged sockets
 - *Part 8-1976 Specific requirements for flanged spigots
 - *Part 9-1976 Specific requirements for collars
 - *Part 10-1976 Specific requirements for double socket bends
 - *Part 11-1976 Specific requirements for tees, all sockets
 - *Part 12-1976 Specific requirements for double socket tee with flanged branch
 - *Part 13-1976 Specific requirements for crosses, all sockets
 - *Part 14-1984 Specific requirements for double socket tapers
 - *Part 15-1976 Specific requirements for caps
 - *Part 16-1976 Specific requirements for plugs
 - *Part 17-1976 Specific requirements for bell mouth pieces
 - *Part 18-1976 Specific requirements for double flanged bends
 - *Part 19-1976 Specific requirements for all flanged tees
 - *Part 20-1976 Specific requirements for all flanged crosses
 - *Part 21-1976 Specific requirements for double flanged tapers
 - *Part 22-1976 Specific requirements for split puddle or body flanges
 - *Part 23-1976 Specific requirements for blank flanges
 - *Part 24-1982 Specific requirements for all flanged radial tees
- IS:1879-1987 Malleable cast iron pipe fittings (first revision)
- IS:3114-1985 Code of practice for laying of cast iron pipes (first revision)
- IS:6163-1978 Centrifugally cast (spun) iron low pressure pipes for water, gas and sewage (first revision)
- IS:7181-1986 Horizontally cast iron double flanged pipes for water, gas and sewage (first revision)
- **IS:8329-1977 Centrifugally cast (spun) ductile iron pressure pipes for water, gas and sewage
- IS:9523-1980 Ductile iron fittings for pressure pipes for water, gas and sewage
- IS:11606-1986 Methods of sampling of cast iron pipes and fittings

IS:12288-1987 Code of practice for use and laying of ductile iron pipes

4. Plastics

IS:3076-1985 Low density polyethylene pipes for potable water supplies (second revision)

IS:4984-1987 High density polyethylene pipes for potable water supplies, sewage and industrial effluents (third revision)

IS:4985-1988 Unplasticized PVC pipes for potable water supplies (second revision)

*IS:7634 Code of practice for plastics pipe work for potable water supplies

*Part 1-1975 Choice of materials and general recommendations

*Part 2-1975 Laying and jointing polyethylene (PE) pipes

*Part 3-1975 Laying and jointing of unplasticized PVC pipes

IS:7834 Specification for injection moulded PVC socket fittings with solvent cement joints for water supplies

Part 1-1987 General requirements (first revision)

Part 2-1987 Specific requirements for 45 degree elbows (first revision)

Part 3-1987 Specific requirements for 90 degree elbows (first revision)

Part 4-1987 Specific requirements for 90 degree tees (first revision)

Part 5-1987 Specific requirements for 45 degree tees (first revision)

Part 6-1987 Specific requirements for sockets (first revision)

Part 7-1987 Specific requirements for unions (first revision)

Part 8-1987 Specific requirements for caps (first revision)

IS:8008 Specification for injection moulded HDPE fittings for potable water supplies

Part 1-1976 General requirements

Part 2-1976 Specific requirements for 90 degree bends

Part 3-1976 Specific requirements for 90 degree tees

Part 4-1976 Specific requirements for reducers

Part 5-1976 Specific requirements for ferrule reducers

Part 6-1976 Specific requirements for pipe ends

Part 7-1976 Specific requirements for sandwich flanges

IS:8360 Fabricated high density polyethylene (HDPE) fittings for potable water supplies

Part 1-1977 General requirements

Part 2-1977 Specific requirements for 90 degree tees

Part 3-1977 Specific requirements for 90 degree bends

IS:10124 Specification for fabricated PVC fittings for potable water supplies

- Part 1-1988 General requirements (first revision)
- Part 2-1988 Specific requirements for sockets (first revision)
- Part 3-1988 Specific requirements for straight reducers (first revision)
- Part 4-1988 Specific requirements for caps (first revision)
- Part 5-1988 Specific requirements for equal tees (first revision)
- Part 6-1988 Specific requirements for flanged tail piece with metallic flanges (first revision)
- Part 7-1988 Specific requirements for threaded adaptors (first revision)
- Part 8-1988 Specific requirements for 90 degree bends (first revision)
- Part 9-1988 Specific requirements for 60 degree bends (first revision)
- Part 10-1988 Specific requirements for 45 degree bends (first revision)
- Part 11-1988 Specific requirements for 30 degree bends (first revision)
- Part 12-1988 Specific requirements for 22 1/2 degree bends (first revision)
- Part 13-1988 Specific requirements for 11 1/4 degree bends (first revision)

IS:12231-1987 Specification for UPVC (rigid) pipes for use in suction and delivery lines of agricultural pumps

IS:12235 Methods of test for unplasticized PVC pipes for potable water supplies

- Part 1-1986 Method for measurement of outside diameter
- Part 2-1986 Measurement of wall thickness
- Part 3-1986 Test for opacity
- Part 4-1986 Determining the detrimental effect on the composition of water
- Part 5-1986 Reversion Test
- Part 6-1986 Stress relief test
- Part 7-1986 Test for resistance to sulphuric acid
- Part 8-1986 Internal hydrostatic pressure test
- Part 9-1986 Impact strength test
- Part 10-1986 Method for determination of organotin as tin aqueous solution
- Part 11-1986 Extractability of cadmium and mercury occurring as impurities

Concrete

IS:458-1988 Concrete pipes (with and without reinforcement) (third revision)

IS:783-1985 Code of practice for laying of concrete pipes (first revision)

*IS:784-1978 Prestressed concrete pipes (including fittings)
(first revision)

**IS:1916-1963 Steel cylinder reinforced concrete pipes

IS:3597-1985 Methods of test for concrete pipes (first
revision)

IS:7322-1985 Specials for steel cylinder reinforced concrete
pipes (first revision)

6. Asbestos Cement

**IS:1592-1980 Asbestos cement pressure pipes (second revision)

IS:5531-1988 Cast iron specials for asbestos cement pressure
pipes for water, gas and sewage (second revision)

**IS:5913-1970 Methods of test for asbestos cement products

IS:6530-1972 Code of practice for laying of asbestos cement
pressure pipes

**IS:8794-1978 Cast iron detachable joints for use with asbestos
cement pressure pipes

*IS:9627-1980 Asbestos cement pressure pipes (light duty)

IS:10292-1988 Dimensional requirement for rubber sealing rings
for cast iron detachable joints in asbestos cement piping

IS:10299-1982 Cast iron saddle pieces for service connection
for asbestos cement pressure pipes

IS:11769 Guidelines for safe use of products containing
asbestos

Part 1-1986 Asbestos cement products

WATER FITTINGS AND VALVES

IS:778-1984 Copper alloy gate, globe and check valves for
water works purposes (fourth revision)

IS:780-1984 Sluice valves for water-works purposes (50 to 300
mm size) (sixth revision)

IS:781-1984 Cast copper alloy screw down bib taps and stop
valves for water services (third revision)

IS:1711-1984 Self closing taps for water supply purposes

IS:2685-1971 Code of practice for selection, installation and
maintenance of sluice valves (first revision)

- **IS:2692-1978** Ferrules for water services (first revision)
- IS:2906-1984 Sluice valves for water works purposes (350 to 1200 mm size) (third revision)
- IS:3004-1979 Plug cocks for water supply purposes (first revision)
- *IS:3042-1965** Single faced sluice gates (200 to 1200 mm size)
- IS:3950-1979 Surface boxes for sluice valves (first revision)
- IS:4038-1986 Foot valves for water works purposes (second revision)
- IS:4346-1982 Washers for use with fittings for water services
- IS:4854 Glossary of terms for valves and their parts
- Part 1-1969 Screw-down stop, check and gate valves and their parts
- Part 2-1968 Plug valves and cocks and their parts
- Part 3-1974 Butterfly valves
- IS:5312 Swing check type reflux (non-return) valves for water works purposes
- Part 1-1984 Single-door pattern (first revision)
- Part 2-1986 Multi-door pattern
- IS:9338-1984 Cast iron screw-down stop valves and stop and check valves for water works purposes (first revision)
- IS:9763-1988 Plastic bib taps and stop valves (rising spindle) for cold water services (first revision)
- IS:10805-1986 Foot-valves, reflux valves or non-return valves and bore valves to be used in suction lines of agricultural pumping systems (first revision)

WATER QUALITY AND TREATMENT

- IS:258-1967 Potash alum (first revision)
- IS:259-1969 Aluminium alum (first revision)
- IS:299-1989 Alumino-ferric (fourth revision)
- IS:646-1986 Liquid chlorine, technical (second revision)
- **IS:1065-1971** Bleaching powder, stable
- IS:1540 Quick lime and hydrated lime for chemical industries

Part 1-1980 Quick lime
**Part 2-1978 Hydrated lime

IS:1622-1981 Methods of sampling and microbiological examination of water (first revision)

*IS:3025-1964 Methods of sampling and test (physical and chemical) for water and wastewater

IS:3025 Methods of sampling and test (physical and chemical) for water and wastewater

Part 1-1986 Sampling (first revision)
Part 3-1987 Precision and accuracy (first revision)
Part 4-1983 Colour (first revision)
Part 5-1983 Odour (first revision)
Part 6-1983 Odour threshold (first revision)
Part 7-1984 Taste threshold (first revision)
Part 8-1984 Taste rating (first revision)
Part 9-1984 Temperature (first revision)
Part 10-1984 Turbidity (first revision)
Part 11-1983 pH value (first revision)
Part 12-1983 Density (first revision)
Part 13-1983 Saturation index (with respect to calcium carbonate) (first revision)
Part 14-1984 Specific conductance (wheat-stone bridge, conductance cell) (first revision)
Part 15-1984 Total residue (total solids-dissolved and suspended)
Part 16-1984 Filterable residue (total dissolved solids) (first revision)
Part 17-1984 Non-filterable residue (total dissolved solids) (first revision)
Part 18-1984 Volatile and fixed residue (total filterable and non-filterable) (first revision)
Part 19-1984 Settleable matter (first revision)
Part 20-1984 Dispersion characteristics (flow patterns) (first revision)
Part 21-1983 Total hardness (first revision)
Part 22-1986 Acidity (first revision)
Part 23-1986 Alkalinity (first revision)
Part 24-1986 Sulphates (first revision)
Part 25-1986 Chlorine, demand (first revision)
Part 26-1986 Chlorine, residual (first revision)
Part 27-1986 Cyanide (first revision)
Part 28-1986 Sulphite (first revision)
Part 29-1986 Sulphide (first revision)
Part 30-1988 Bromide (first revision)
Part 31-1988 Phosphorus (first revision)
Part 32-1988 Chloride (first revision)
Part 33-1988 Iodide (first revision)
Part 34-1988 Nitrogen (first revision)
Part 35-1988 Silica (first revision)
Part 36-1988 Ozone residual (first revision)
Part 37-1988 Arsenic (first revision)

- IS:7402-1986 Filters for drinking water purposes (first revision)
- *IS:8419 Requirements for rapid sand gravity filtration equipment
- *Part 1-1977 Filtration media - sand and gravel
Part 2-1984 Underdrainage system
- **IS:9222 Recommendations for handling and dosing devices for chemicals for water treatment
- **Part 1-1979 Coagulants
- IS:9825-1981 Chlorine tablets
- IS:10053-1981 Requirements for equipment for Jackson candle turbidimeter and determination of turbidity
- IS:10313-1982 Requirements for settling tanks (clarifier equipment) for water treatment plant
- *IS:10500-1983 Drinking water
- IS:10553 Requirements for chlorination equipment
- Part 1-1983 General guidelines for chlorination plants including handling, storage and safety of chlorine cylinders and drums
- Part 2-1983 Vacuum feed type chlorinators
- Part 4-1983 Gravity feed type gaseous chlorinators
- Part 5-1987 Bleaching powder solution feeder displacement type chlorinator
- IS:11401 Requirements for slow sand filters
- Part 1-1985 General guidelines

OTHERS

- IS:804-1967 Rectangular pressed steel tanks
- *IS:3370 Code of practice for concrete structures for the storage of liquids
- *Part 1-1965 General requirements
- *Part 2-1965 Reinforced concrete structures
- *Part 3-1967 Prestressed concrete structures
- *Part 4-1967 Design tables
- IS:6295-1986 Code of practice for water supply and drainage in high altitudes and/or sub-zero temperature regions (first revision)

- IS:10446-1983 Glossary of terms relating to water supply and sanitation
- IS:11682-1985 Criteria for design of RCC staging for overhead water tanks
- IS:12701-1989 Specification for polyethylene water storage tanks
- IS:12709-1989 Specification for glass fibre reinforced polyester resin water storage tank

Subjects Identified for Standardization

WELL CONSTRUCTION, DRILLING AND COMPONENTS

- ** General requirements for percussion drilling rigs - Doc: EDC 88(4864)
 - . Technical supply conditions for rock roller bit with non-sealed ball and roller bearing arrangements for water well drilling operations - Doc: EDC 88(4858)
- ** Specification for UPVC ribbed screen and plain casing pipes for potable water supplies - Doc: BDC 3(4330)
 - . Down-the-hole hammer - general requirements, Doc:HMD21(0002)P1
 - . Hoisting plug for use with well boring rigs
 - . Water swivel for use with well boring rigs
 - . Reverse rotary waterwell drilling rigs
 - . Button bits and casing pipes for drilling
 - . Drill pipes for waterwell drilling by DTH methods

PUMPS & PRIME MOVERS

- ** Code of practice for selection, installation, operation and maintenance of jet centrifugal pump combination -
Doc: EDC 35(4740)
 - . Nomenclature and identification of components for deepwell hand pumps, Doc: EDC 35(4806)
 - . Submersible openwell pumpset, Doc:HMD 20(0001)P1
 - . Code for selection, maintenance and operation of submersible pumpsets
 - . Conical expanders and reducers for pumping system, HMD 20(0003)
 - . Extra deepwell handpumps, Doc: HMD 20(5273)
 - . Village level operation and maintenance pumps, Doc: HMD 20(5274)
 - . Solid link pumps for shallow wells
 - . Forced lift pumps for overground reservoir
 - . Direct action pump, Doc:HMD 20(0003)P1
 - . Single-phase dual voltage induction motors for centrifugal pumps for agricultural applications, Doc: ETDC 15(3212)

PIPES AND FITTINGS

1. Steel

- . Pipe flanges for high pressure ratings

2. Cast Iron

- . Dimensional requirements for rubber gaskets for mechanical joints and push-on joints for use with cast iron pipes for carrying water, gas and sewage, Doc: SMDC 9(3286)

3. Plastics

- ** Specification for glass fibre reinforced polyester resin pressure pipes

**Draft standard finalised/under printing

- . Methods of test for unplasticized PVC pipes for potable water supplies : Part 12 Determination of resistance to methylene chloride
- . GRP pipe fittings for pressure applications
- . Code of practice for installation of GRP pipe for water supply (both above ground and below ground)

4. Concrete

- . Code of practice for manufacture of precast concrete pipes
- . Code of practice for design of rubber ring joints for concrete pipes

5. Asbestos Cement

- . Guidelines for selection of asbestos cement pipes subject to external loads with or without internal pressure
- . Cast iron detachable joints for use with asbestos cement pressure pipes (light duty)
- . Dimensional requirements for rubber sealing rings for CID joints in asbestos cement piping (light duty)

WATER FITTINGS AND VALVES

- ** Specification for cast iron screw down bib taps and stop valves for water services
- . Specification for butterfly valves for water works purposes
- . Specification for resilient seated cast iron air relief valves for water works purposes

WATER QUALITY AND TREATMENT

- ** Guide for defluoridation of water for drinking purposes - chemical treatment method, Doc: CDC 26(9409)
- ** Guide for removal of iron from water for rural drinking water supply, Doc: CDC 26(9420)
- . Guide for defluoridation of water for drinking purposes - Ion exchange process, Doc: CDC 26(9479)P
- . Guide for removal of iron from rural water supply - Ion exchange method, Doc: CDC 26(9495)P
- ** Requirements for slow sand filters: Part 2 Design, construction operation and maintenance
- . Equipment for ion exchange and softening
- . Guidelines for desalination of water for rural water supply
- . Requirements for tube settlers for water and waste water treatment
- . Requirements for electrolytic chlorinators
- . Requirements for chlorination equipment, Part 3 Pressure feed type chlorinators
- . Polyelectrolyte (Part 2 of IS:9222)
- . Standards for nephelometer for the measurement of turbidity
- . Specification for ion exchange for deionising/demineralising equipment, Doc: CED 40(4090)
- . Methods of sampling and test (physical and chemical) for water and wastewater (Parts of IS:3025)

**** Dissolved oxygen**

- Instrumentation (first revision of Part 2)
- Oil & grease
- Biochemical oxygen demand
- Phenols
- Pesticides and insecticides

Requirements for rapid sand gravity filtration equipment (Parts of IS:8419)

- Rate of flow controllers
- Loss of head-gauges
- Rate of flow indicator

OTHERS

Specification for precast ferrocement water tanks (250 to 10,000 litres capacity)

qawsmis/891231

पेयजल मिश्रण से सम्बन्धित हिन्दी में प्रकाशित भारतीय मानक

<u>क्रम संख्या</u>	<u>आई एस संख्या</u>	<u>शीर्षक</u>
1.	आई एस: 1239 §भाग 1§-1979	मृदु इस्पात नलिकाएँ, नलिकाकार और पिटवां इस्पात के अन्य फिटिंगों की विशिष्टि: भाग 1 मृदु इस्पात नलिकाएँ §चौथा पुनरीक्षण§ संशोधन संख्या 1, 2, 3, और 4 समाविष्ट§
2.	आई एस: 6595-1980	कृषि कार्यों के लिए साफ, ठंडे और ताजे पानी के लिए क्षेत्रीय अपकेन्द्री पम्पों की विशिष्टि §पहला पुनरीक्षण§ संशोधन संख्या 1, 2 और 3 समाविष्ट§
3.	आई एस: 7402-1986	पेयजल प्रयोजनों के लिये फिल्टरों की विशिष्टि
4.	आई एस: 9694	कृषि कार्यों के लिए क्षेत्रीय अपकेन्द्री पंपों के चुनाव, संस्थापन, प्रचालन और रखरखाव की रीति संहिता:
	भाग 1-1987	चुनाव §पहला पुनरीक्षण§
	भाग 2-1980	संस्थापन
	भाग 3-1980	प्रचालन
	भाग 4-1980	रखरखाव
5.	आई एस: 10304-1986	कृषि कार्यों के लिए अनुशासित पम्प तंत्र
6.	आई एस: 11004 §भाग 1§-1985	गहराई से पानी निकालने के हैंडपम्प के संस्थापन की रीति संहिता

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NEW DELHI 110002 3310131, 3311375

Eastern: 1/14 C.I.T. Scheme VII M, V.I.P. Road,
Maniktola, CALCUTTA 700054 378499, 378561,
378626, 378662
(Sales Point: 5, Chowringhee Approach,
P.O.Princep Street, CALCUTTA 700072) 276800

Northern: SCO 479-480, Sector 35-C, CHANDIGARH 160036 21843, 31641

Southern: C.I.T. Campus, MADRAS 600113 412315, 412442,
412519, 412916

Western: Manakalaya, E9, MIDC, Marol, Andheri (East)
BOMBAY 400093 6327858, 6327891
(Sales Point: Novelty Chambers,
Grant Road, BOMBAY 400007) 6327892, 6329295
896528

Branch Offices:

Pushpak', Nurmohamed Shaikh Marg, Kharpur,
AHMEDABAD 380001 26340, 26348
26349

Peenya Industrial Area, 1st Stage,
Bangalore-Tumkur Road, BANGALORE 560058 394955, 394956
(Sales Point: F'Block, Unity Building,
Narasimharaja Square, BANGALORE 560002 223971

Gangotri Complex, 5th Floor, Bhadbhada Road,
T.T. Nagar, BHOPAL 462003 66583, 66716

Plot No.82/83, Lewis Road, BHUBANESHWAR 751002 53627

Kalai Kathir Building, 6/48-A, Avanashi Road,
COIMBATORE 641037 26705

Quality Marking Centre, N.H. IV, N.I.T.
FARIDABAD 121001 -

Savitri Complex, 116, G.T. Road, GHAZIABAD 201001 8711996, 8711998

53/5 Ward No.29, R.G.Barua Road, 5th By-lane
GUWAHATI 781003

5-8-56 C, L.N. Gupta Marg, (Nampally Station Road),
HYDERABAD 500001 231083, 231052

R 14 Yudhister Marg, C-Scheme, JAIPUR 302005 69832, 63471

117/418-B, Sarvodaya Nagar, KANPUR 208005 218292, 216876

561/63, Plot No.A-9, Sindhu Nagar, LUCKNOW 226005 -

Pushpanjali' First Floor, 205-A, West High Court
Road, Shankar Nagar Square, NAGPUR 440010 25171

Patliputra Industrial Estate, PATNA 800013 62808, 62305

Institution of Engineers (India) Bldg,
1232 Shivaji Nagar, PUNE 411005 52435

District Industries Centre Complex, -

Bagh-e-Ali-Mardan Khan, SRINAGAR 190011

T.C.No.14/1421, University, P.O. Palayam
TRIVANDRUM 695034 62104, 62117