

BUREAU OF INDIAN STANDARDS

Program of Work

PGD 26 : Weights And Measures

Scope: Formulation of standards for weights, measures, weighing and measuring equipment intended to be used in transactions, for industrial production or for protection.

Liaison: **ISO TC-28 SC-2 (P):** *Measurement of petroleum and related products*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 1056:2004 <i>Reviewed In : 2021</i>	COMMERCIAL WEIGHTS — SPECIFICATION (Third Revision)	April, 2021	-	Indigenous
2	IS 1056:2025	Commercial weights -- Specification (fourth revision)		-	Indigenous
3	IS 1057:2004 <i>Reviewed In : 2025</i>	Commercial carat weights - Specification (Third Revision)	August, 2025	-	Indigenous
4	IS 1057:2025	Commercial carat weights -- Specification (fourth revision)		-	Indigenous
5	IS 1058:1993 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Legal metrology - Commercial capacity measures - Specification (Second Revision)	April, 2024	-	Indigenous
6	IS 1059:1994 <i>Reviewed In : 2024</i>	Legal metrology - Commercial length measures (Non - Flexible) - Specification (First Revision)	April, 2024	-	Indigenous
7	IS 11547 (Part 1):1985 IEC 714 <i>Reviewed In : 2025</i>	Specification for electronic weighing - In - Motion systems: Part 1 terminology and design rules	September, 2025	-	Indigenous
8	IS 11547 (Part 2):1985 <i>Reviewed In : 2025</i>	Specification for electronic weighing - In - Motion systems: Part 2 requirements	September, 2025	-	Indigenous
9	IS 11547 (Part 3/Sec 1):1985 <i>Reviewed In : 2025</i>	Specification for electronic - Weighing - In - Motion system: Part 3 methods of tests: Sec 1 simulated tests	September, 2025	-	Indigenous
10	IS 11547 (Part 3/Sec 2):1985 <i>Reviewed In : 2025</i>	Specification for electronic weighing - In - Motion systems: Part 3 methods of tests: Sec 2 site tests	September, 2025	-	Indigenous
11	IS 1160:1993 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Metric dispensing measures - Specification (First Revision)	April, 2024	1	Indigenous
12	IS 1269 (Part	Legal metrology - Material	April, 2024	1	Indigenous

	1):1997 Reviewed In : 2024 Decision taken to Reaffirm and Archive	measures of length: Part 1 woven metallic and glass fiber tape measures (Second Revision)			
13	IS 1269 (Part 2):1997 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Legal metrology - Material measures of length: Part 2 steel tape measures	April, 2024	1	Indigenous
14	IS 1433:1990 Reviewed In : 2022	Beam scales - Specification (Second Revision)	March, 2022	-	Indigenous
15	IS 1434:1959 Reviewed In : 2025	Specification for counter machines	July, 2025	-	Indigenous
16	IS 14439 (Part 1):1997 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Legal metrology - Gas volume meters: Part 1 general requirements	April, 2024	1	Indigenous
17	IS 14439 (Part 2):1998 Reviewed In : 2025	Legal metrology - Gas volume meters: Part 2 diaphragm gas meters	January, 2025	3	Indigenous
18	IS 14439 (Part 4):2025 ISO 14511:2019	Legal metrology -- Gas volume meters: Part 4 Thermal mass flow based gas meters -- Specification		-	Not Equivalent
19	IS 1518:1980 Reviewed In : 2022	Method for gauging of petroleum and liquid petroleum products (First Revision)	March, 2022	-	Indigenous
20	IS 1519 (Part 1):1983 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Methods for temperature measurement of petroleum and its products: Part 1 at atmospheric pressure (First Revision)	April, 2024	-	Indigenous
21	IS 1519 (Part 2):1983 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method for temperature measurement of petroleum and its products: Part 2 above atmospheric pressure (First Revision)	April, 2024	-	Indigenous
22	IS 15672:2006 Reviewed In : 2022 ISO 10790:1999	Flow measurement of natural gas and fluids by coriolis meters	March, 2022	-	Not Equivalent
23	IS 15673:2006 Reviewed In : 2022	Flow measurement of natural gas by rotary piston meters	March, 2022	1	Indigenous
24	IS 15674:2006 Reviewed In : 2022 ISO/CD 17089 , ISO/TR 12765: 1997	Flow measurement of natural gas by ultrasonic meter	March, 2022	1	Not Equivalent
25	IS 15675:2006 Reviewed In : 2022 ISO 5167-2:2003	Flow measurement of natural gas and fluids by orifice plate meters	March, 2022	1	Not Equivalent
26	IS 15676:2006 Reviewed In : 2022 ISO 9951 :1993	Flow measurement of natural gas by turbine meters	March, 2022	1	Not Equivalent
27	IS 15677:2006 Reviewed In : 2022	Metering of natural gas - Code of practice	March, 2022	1	Indigenous

28	IS 16514 (Part 1):2018 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Non-Automatic Weighing Instruments Part 1 Terminology and Definitions	April, 2024	-	Indigenous
29	IS 16514 (Part 2):2019 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for Non-Automatic Weighing Instruments Part 2 Metrological and Technical Requirements	April, 2024	-	
30	IS 17008:2019 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Weigh-in-Motion System for Road Vehicles Specification	April, 2024	-	Indigenous
31	IS 17080 (Part 1):2019 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Automatic Gravimetric Filling Instruments Part 1 Terminology and Definitions	April, 2024	-	Indigenous
32	IS 17080 (Part 2):2020 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for Automatic Gravimetric Filling Instruments Part 2 Metrological and Technical Requirements	April, 2024	-	
33	IS 17141 (Part 1):2019 ISO 4266-1 : 2002 Reviewed In : 2024 Decision taken to Reaffirm and Archive ISO 4266-1: 2002	Petroleum and Liquid Petroleum Products â€” Measurement of Level and Temperature in Storage Tanks by Automatic Methods Part 1 Measurement of Level in Atmospheric Tanks	April, 2024	-	Identical under dual numbering
34	IS 17141 (Part 2):2019 ISO 4266-2 : 2002 Reviewed In : 2024 Decision taken to Reaffirm and Archive ISO 4266-2:2002	Petroleum and Liquid Petroleum Products â€” Measurement of Level and Temperature in Storage Tanks by Automatic Methods Part 2 Measurement of Level in Marine Vessels	April, 2024	-	Identical under dual numbering
35	IS 17141 (Part 4):2019 ISO 4266-4 : 2002 Reviewed In : 2024 Decision taken to Reaffirm and Archive ISO 4266-4:2002	Petroleum and Liquid Petroleum Products â€” Measurement of Level and Temperature in Storage Tanks by Automatic Methods Part 4 Measurement of Temperature in Atmospheric Tanks	April, 2024	-	Identical under dual numbering
36	IS 17141 (Part	Petroleum and liquid petroleum		-	Identical under dual

	5):2021 ISO 4266-5:2002 ISO 4266-5:2002	products — Measurement of level and temperature in storage tanks by automatic methods Part 5: Measurement of temperature in marine vessels			numbering
37	IS 17582:2021	Specification for Infantometer		-	Indigenous
38	IS 17583:2021	Specification for Stadiometer		-	Indigenous
39	IS 2007:1974 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method for calibration of vertical oil storage tanks (First Revision)	April, 2024	-	Indigenous
40	IS 2008:1961 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method For Computation of Capacity Tables For Vertical Oil Storage Tanks	April, 2024	1	Indigenous
41	IS 2009:1975 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method for calibration of horizontal and tilted oil storage tanks (First Revision)	April, 2024	-	Indigenous
42	IS 2164:1961 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method for calculation of bulk - Quantities of petroleum and liquid petroleum products	April, 2024	-	Indigenous
43	IS 2166:1963 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method for computation of capacity tables for horizontal and tilted oil storage tanks	April, 2024	1	Indigenous
44	IS 2341:1963 Reviewed In : 2022	Specification for large metric capacity calibrating measures (Non - Tilting type)	March, 2022	-	Indigenous
45	IS 2383:1963 Reviewed In : 2022	Code of practice for calibration of vehicle tanks for petroleum products and other liquids	March, 2022	-	Indigenous
46	IS 2747:1990 Reviewed In : 2022	Taximeters - performance requirements (First Revision)	March, 2022	2	Indigenous
47	IS 2801:1967 Reviewed In : 2022	Accuracy requirements for bulk meters used in petroleum trade	March, 2022	1	Indigenous
48	IS 2808:1964 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method for computation of capacity tables for pressurized storage tanks	April, 2024	-	Indigenous
49	IS 2827:1976 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Methods for calibration of pressurized storage tanks (First Revision)	April, 2024	-	Indigenous
50	IS 3032:1965 Reviewed In : 2025	General requirements for testing the accuracy of commercial measuring instruments used in petroleum trade	September, 2025	-	Indigenous
51	IS 3033:1965	Accuracy requirements for	September, 2025	-	Indigenous

	Reviewed In : 2025	dispensing pumps used in petroleum trade			
52	IS 3047:1965 Reviewed In : 2025	Accuracy Requirements For Volumetric Container Filling Machines Used In Petroleum Trade	September, 2025	-	Indigenous
53	IS 3515:1966 Reviewed In : 2022	Specification For Tapes For Use In Measurement Of Oil Quantities	March, 2022	1	Indigenous
54	SP 4:2025 ISO 14511:2019	Revised State of the Art of Metric System in India (An update to the SP4 : 1969 Metric change in India)		-	Not Equivalent
55	SP 4:1969 Reviewed In : 2025 Reaffirmed but not taken up for revision	Metric Change In India	September, 2025	-	Indigenous
56	IS 4670:1993 Reviewed In : 2022	Legal Metrology - Liquor Measures - Specification (First Revision)	March, 2022	-	Indigenous
57	IS 4749:1974 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Method for calculation of bulk quantities of industrial aromatic hydrocarbons (First Revision)	April, 2024	-	Indigenous
58	IS/ISO 7507:2011 ISO 7507-2 : 2005 Reviewed In : 2025 ISO 7507-2 : 2005	Petroleum and Liquid Petroleum Products â€™ Calibration of Vertical Cylindrical Tanks Part 2 Optical-Reference-Line Method	September, 2025	-	Identical under dual numbering
59	IS/ISO 7507-1:2003 Reviewed In : 2022 Decision taken to Reaffirm and Archive ISO 7507(Part 1):200	Petroleum and liquid petroleum products - Calibration of vertical cylindrical tanks: Part 1 strapping method	December, 2022	-	Identical under dual numbering
60	IS/ISO 7507-3:2006 ISO 7507-3 : 2006 Reviewed In : 2025 ISO 7507-3 : 2006	Petroleum and Liquid Petroleum Products â€™ Calibration of Vertical Cylindrical Tanks Part 3 Optical-Triangulation Method	July, 2025	-	Identical under dual numbering
61	IS/ISO 7507-4:2010 ISO 7507-4 : 2010 Reviewed In : 2025 ISO 7507-4:2010	Petroleum and Liquid Petroleum Products â€™ Calibration of Vertical Cylindrical Tanks Part 4 Internal Electro-Optical Distance-Ranging Method	July, 2025	-	Identical under dual numbering
62	IS/ISO 7507-5:2000 ISO 7507-5 : 2000 Reviewed In : 2025 ISO 7507-5:2000	Petroleum and Liquid Petroleum Products â€™ Calibration of Vertical Cylindrical Tanks Part 5 External Electro-Optical Distance-Ranging Method	July, 2025	-	Identical under dual numbering
63	IS 8818:1977 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Methods for measurement of petroleum gases and town gas in bulk	April, 2024	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
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1	PGD 26 (28799) Revision of: IS 11547:1985	SPECIFICATION FOR ELECTRONIC WEIGHING-IN-MOTION SYSTEMS PART 1 VOCABULARY
2	PGD 26 (28800) Revision of: IS 11547:1985	SPECIFICATION FOR ELECTRONIC WEIGHING-IN-MOTION SYSTEMS PART 2 REQUIREMENTS
3	PGD 26 (28801) Revision of: IS 11547:1985	SPECIFICATION FOR ELECTRONIC WEIGHING-IN-MOTION SYSTEMS PART 3 METHODS OF TESTS SECTION 1 SIMULATED TESTS
4	PGD 26 (28802) Revision of: IS 11547:1985	SPECIFICATION FOR ELECTRONIC WEIGHING-IN-MOTION SYSTEMS PART 3 METHODS OF TESTS SECTION 2 SITE TESTS
5	PGD 26 (28856)	Gas Flowmeters calibration through PVTt Standard
6	PGD 26 (28857)	Measuring Tape and Scale calibrator
7	PGD 26 (28858)	Digital Alcoholometerbreathalyzer
8	PGD 26 (28859)	Hydrogen Fuel Dispensers and dispensing systems
9	PGD 26 (28860)	Baby weighing scale with infantometer - Specification
10	PGD 26 (28861)	Wall mounted stadiometer - Specification

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	PGD 26 (27245) Revision of: IS 1434:1959	Specification For Counter Machines First revision
2	PGD 26 (27246) Revision of: IS 3047:1965	Accuracy Requirements for Volumetric Container Filling Machines Used in Petroleum Trade First revision

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	PGD 26 (23722)	LEGAL METROLOGY GAS VOLUME METERS DIAPHRAGM GAS METERS

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
No Records Found		

Total Published Standards:59 Total Standards Under development:13

Aspect Wise Report

Product : 26
Code of Practices : 3
Methods of Test : 21
Terminology : 3
Dimensions : 1
System Standard : 0
Safety Standard : 0
Others : 4
Service Specification : 0
Process Specification : 0
Unclassified : 2

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 1270:1965	Metric Steel Tape Measure winding Type
2	IS 1432:1959	General Requirements For Weighing Instruments
3	IS 1435:1991 Reviewed In : 2014	Platform Weighing Machines - Specification First Revision
4	IS 1436:1991 Reviewed In : 2014	Weigh Bridges - Specification First Revision
5	IS 1437:1967 Reviewed In : 2019	Specification for automatic weighing machines
6	IS 1438:1960 Reviewed In : 2014	Specification for Crane Weighing Machines
7	IS 1439:1990 Reviewed In : 2014	Steelyards - Specification First Revision
8	IS 14439 (Part 3):1998 Reviewed In : 2003	Legal Metrology - Gas Volume Meters - Part 3 Rotary Piston and Turbine Gas Meters
9	IS 16514:2018	Non-Automatic Weighing Instruments Part 1 Terminology and Definitions
10	IS 1702:1967 Reviewed In : 2013	Specification for Spring Balances First Revision
11	IS 1853:1961 Reviewed In : 2013	Specification for Self-indicating and Semi-Self-Indicating Counter Type Weighing Machines
12	IS 1854:1964 Reviewed In : 2013	Specification for Person-weighing machines
13	IS 2489:1963 Reviewed In : 2014	Specificatttion for Baby Weighing Machines
14	IS 3960:1967 Reviewed In : 2018	Specification for totaling weighing machines
15	IS 4070:1967 Reviewed In : 2013	Wheel Weighers
16	IS 4532:1968	Portable Scale For Jewellers
17	IS 4539:1968	Performance requirements for autorickshaw meter distance cum-time type
18	IS 5222:1969	Performance requirements for auto-rickshaw meter distance type

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 1056:2025	Commercial weights -- Specification fourth revision
2	IS 1057:2025	Commercial carat weights -- Specification fourth revision
3	IS 1058:1993 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Legal metrology - Commercial capacity measures - Specification Second Revision
4	IS 1059:1994 Reviewed In : 2024	Legal metrology - Commercial length measures Non - Flexible - Specification First Revision
5	IS 11547 (Part 2):1985 Reviewed In : 2025	Specification for electronic weighing - In - Motion systems Part 2 requirements
6	IS 1160:1993 Reviewed In : 2024	Metric dispensing measures - Specification First Revision

	Decision taken to Reaffirm and Archive	
7	IS 1269 (Part 1):1997 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Legal metrology - Material measures of length Part 1 woven metallic and glass fiber tape measures Second Revision
8	IS 1269 (Part 2):1997 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Legal metrology - Material measures of length Part 2 steel tape measures
9	IS 1433:1990 Reviewed In : 2022	Beam scales - Specification Second Revision
10	IS 1434:1959 Reviewed In : 2025	Specification for counter machines
11	IS 14439 (Part 1):1997 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Legal metrology - Gas volume meters Part 1 general requirements
12	IS 14439 (Part 2):1998 Reviewed In : 2025	Legal metrology - Gas volume meters Part 2 diaphragm gas meters
13	IS 15672:2006 Reviewed In : 2022 ISO 10790:1999	Flow measurement of natural gas and fluids by Coriolis meters
14	IS 15673:2006 Reviewed In : 2022	Flow measurement of natural gas by rotary piston meters
15	IS 15674:2006 Reviewed In : 2022 ISO/CD 17089 , ISO/TR 12765: 1997	Flow measurement of natural gas by ultrasonic meter
16	IS 15675:2006 Reviewed In : 2022 ISO 5167-2:2003	Flow measurement of natural gas and fluids by orifice plate meters
17	IS 15676:2006 Reviewed In : 2022 ISO 9951 :1993	Flow measurement of natural gas by turbine meters
18	IS 17008:2019 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Weigh-in-Motion System for Road Vehicles Specification
19	IS 17141 (Part 2):2019 ISO 4266-2 : 2002 Reviewed In : 2024 Decision taken to Reaffirm and Archive ISO 4266-2:2002	Petroleum and Liquid Petroleum Products Measurement of Level and Temperature in Storage Tanks by Automatic Methods Part 2 Measurement of Level in Marine Vessels
20	IS 17582:2021 ISO 7492:2019	Specification for Infantometer
21	IS 17583:2021 60603-12: 1992	Specification for Stadiometer
22	IS 2747:1990 Reviewed In : 2022	Taximeters - performance requirements First Revision
23	IS 2801:1967 Reviewed In : 2022	Accuracy requirements for bulk meters used in petroleum trade
24	IS 3515:1966 Reviewed In : 2022	Specification For Tapes For Use In Measurement Of Oil Quantities
25	SP 4:2025	Revised State of the Art of Metric System in India An update to the SP4 1969 Metric change in India
26	IS 4670:1993	Legal Metrology - Liquor Measures - Specification First Revision

