BUREAU OF INDIAN STANDARDS

EED 1 : Environmental Management

Scope: To formulate Indian Standards in the field of Environment Management tools and systems including: - Life Cycle Assessment - GHG management - climate change and adaptation - Environmental labelling - Circular Economy - CCUS excluding: - test methods of pollutant - setting limit values regarding pollutants of effluents - setting environmental performance levels - standardization of products

Liaison: **ISO TC- (P):** *Environmental management* **ISO TC- (P):** *Carbon dioxide capture, transportation, and geological storage* **ISO TC- (P):** *Circular economy* **ISO TC- (P):** *Environmental management systems* **ISO TC- (P):** *Environmental auditing and related practices* **ISO TC- (P):** *Environmental labelling* **ISO TC- (P):** *Environmental performance evaluation* **ISO TC- (P):** *Life cycle assessment* **ISO TC- (P):** *Greenhouse gas and climate change management and related activities*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO 14001 : 2015 ISO 14001 : 2015 Reviewed In : 2020 ISO 14001:2015	Environmental management systems - Requirements with guidance for use (Second Revision)	January, 2020	-	Identical under single numbering
2	IS/ISO 14004 : 2016 ISO 14004:2016 Reviewed In : 2022 ISO 14004:2016	Environmental management systems - General guidelines on implementation (Second Revision)	April, 2022	-	Identical under single numbering
3	IS/ISO 14005 : 2019 ISO 14005 : 2019 ISO 14005 : 2019	Environmental management systems - Guidelines for a flexible approach to phased implementation (First Revision)		-	Identical under single numbering
4	IS/ISO 14015 : 2022 ISO 14015 : 2022 ISO 14015 : 2022	Environmental management Guidelines for environmental due diligence assessment first revision		-	Identical under single numbering
5	IS/ISO 14020 : 2000 ISO 14020:1998 Reviewed In : 2022 ISO 14020:2000	Environmental labels and declarations - General principles (First Revision)	April, 2022	-	Identical under single numbering
6	IS/ISO 14024 : 2018 ISO 14024: 2018 ISO 14024: 2018	Environmental labels and declarations ï¿½ Type I environmental labelling ï¿½ Principles and procedures (first revision)		-	Identical under single numbering
7	IS/ISO 14025 : 2006 ISO 14025:2006 Reviewed In : 2022 ISO 14025:2006	Environmental labels and declarations - Type 3 environmental declarations - Principles and procedures	April, 2022	-	Identical under single numbering

No.	Designation	Title	Date		Equivalence
8	IS/ISO 14031 : 1999 ISO 14031:1999 Reviewed In : 2022 ISO 14031:1999	Environmental management - Environmental performance evaluation - Guidelines	April, 2022	-	Identical under single numbering
9	IS/ISO 14033 : 2019 ISO 14033: 2019 ISO 14033: 2019	Environmental management Quantitative environmental information Guidelines and examples first revision		-	Identical under single numbering
10	IS/ISO 14040 : 2006 ISO 14040:1997 Reviewed In : 2022 ISO 14040 : 2006	Environmental management — Life cycle assessment — Principles and framework (first revision)	April, 2022	1	Identical under single numbering
11	IS/ISO 14044 : 2006 ISO 14044:2006 Reviewed In : 2022 ISO 14044 : 2006	Environmental management — Life cycle assessment — Requirements and guidelines	April, 2022	1	Identical under single numbering
12	IS/ISO 14046 : 2014 ISO 14046: 2014 ISO 14046: 2014	Environmental management Water footprint Principles requirements and guidelines		-	Identical under single numbering
13	IS/ISO/TR 14047 : 2012 ISO/TR 14047: 2012 ISO/TR 14047: 2012	Environmental management Life cycle assessment Illustrative examples on how to apply ISISO 14044 to impact assessment situations		-	Identical under single numbering
14	IS/ISO/TR 14049 : 2012 ISO/TR 14049: 2012 ISO/TR 14049: 2012	Environmental management Life cycle assessment Illustrative examples on how to apply ISISO 14044 to goal and scope definition and inventory analysis		-	Identical under single numbering
15	IS/ISO 14050 : 2020 ISO 14050 : 2020 ISO 14050 : 2020	ENVIRONMENTAL MANAGEMENT VOCABULARY First Revision		-	Identical under single numbering
16	IS/ISO 14051 : 2011 ISO 14051:2011 Reviewed In : 2020 ISO 14051 : 2011	Environmental management - Life cycle assessment - Requirements and guidelines	January, 2020	-	Identical under single numbering
17	IS/ISO/TR 14055-2 : 2022 ISO 14055-2: 2022 ISO 14055-2: 2022	Environmental management ï¿½ Guidelines for establishing good practices for combatting land degradation and desertification Part 2 Regional case studies		-	Identical under single numbering
18	IS 18814 : 2024 ISO 14063 : 2020	Environmental Management â€" Environmental Communication â€" Guidelines and Examples (ISO 14063 : 2020, MOD) (First Revision)		-	Modified/Technically Equivalent
19	IS/ISO 14063 : 2006 ISO 14063:2006 Reviewed In : 2022 ISO 14063 : 2020	Environmental management - Environmental communication - Guidelines and examples	April, 2022	-	Modified/Technically Equivalent
20	IS/ISO 14064-1 : 2006 ISO 14064-1:2006 Reviewed In : 2022 ISO 14064 : PART 1 : 2006	Greenhouse gases: Part 1 specification with guidance at the organization level for quantification and reporting of green house gas emissions and removals	October, 2022	-	Identical under single numbering
21	IS/ISO 14064-2 : 2019 IS/ISO	IS/ISO 14064-2 : 2019 GREENHOUSE GASES PART 2 SPECIFICATION WITH	January, 2024	-	Identical under single numbering

SI. No.	Doc No.	Title			
	14064-2:2019 Reviewed In : 2024 IS/ISO 14064-2:2019	GUIDANCE AT THE PROJECT LEVEL FOR QUANTIFICATION MONITORING AND REPORTING OF GREENHOUSE GAS EMISSION REDUCTIONS OR REMOVAL ENHANCEMENTS First Revision			
22	IS/ISO 14064-3 : 2006 ISO 14064-3:2006 Reviewed In : 2022 ISO 14064 : PART 3 : 2006	Greenhouse gases: Part 3 specification with guidance for the validation and varification of greenhouse gas assertions	October, 2022	-	Identical under single numbering
23	IS/ISO 14065 : 2013 ISO 14065 : 2013 Reviewed In : 2022 ISO 14065 : 2013	Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition (First Revision)	October, 2022	-	Identical under single numbering
24	IS/ISO 14066 : 2011 ISO 14066 : 2011 Reviewed In : 2020 ISO 14066 : 2011	Greenhouse gases - Competence requirements for greenhouse gas validation teams and verification teams	January, 2020	-	Identical under single numbering
25	IS/ISO 14090 : 2019 ISO 14090 : 2019 Reviewed In : 2024 ISO 14090 : 2019	ADAPTATION TO CLIMATE CHANGE PRINCIPLES REQUIREMENTS AND GUIDELINES	January, 2024	-	Identical under single numbering
26	IS 16555 : 2017 Reviewed In : 2022 ISO 14021:2016	Environmental labels and declarations - Self - Declared environmental claims (Type II Environmental Labelling)	March, 2022	-	Not Equivalent
27	IS 16652 : 2017 Reviewed In : 2021	Guide for implement of environmental management systems in singke super phoshate (SSP) fertilizer industry	November, 2021	-	Indigenous
28	IS 17022 : 2018 Reviewed In : 2022	Guidelines for green manufacturing practices	October, 2022	-	Indigenous
29	IS/ISO 64 : 2008 ISO Guide 64 : 2008 Reviewed In : 2021 ISO GUIDE 64:2008	Guide for addressing environmental issues in product standards	January, 2021	-	Identical under single numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
		No Records Found

Preliminary Draft Standards

SI. No.	Doc No.	Title
		No Records Found

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
		No Records Found

SI. No.	Doc No.	Title
		Draft Standards Completed WC Stage
1	EED 1 (18443)	GREENHOUSE GASES CARBON FOOTPRINT OF PRODUCTS REQUIREMENTS AND GUIDELINES FOR QUANTIFICATION
2	EED 1 (25241)	CARBON DIOXIDE CAPTURE - CARBON DIOXIDE CAPTURE SYSTEMS TECHNOLOGIES AND PROCESSES
3	EED 1 (25243)	CARBON DIOXIDE CAPTURE TRANSPORTATION AND GEOLOGICAL STORAGE - GEOLOGICAL STORAGE
4	EED 1 (25244)	CARBON DIOXIDE CAPTURE TRANSPORTATION AND GEOLOGICAL STORAGE - QUANTIFICATION AND VERIFICATION
5	EED 1 (25245)	CARBON DIOXIDE CAPTURE TRANSPORTATION AND GEOLOGICAL STORAGE - CARBON DIOXIDE STORAGE USING ENHANCED OIL RECOVERY CO2 - EOR
6	EED 1 (25246)	CARBON DIOXIDE CAPTURE TRANSPORTATION AND GEOLOGICAL STORAGE - VOCABULARY - CROSS CUTTING TERMS
7	EED 1 (25247)	LIFECYCLE RISK MANAGEMENT FOR INTEGRATED CCS PROJECTS
8	EED 1 (25248)	CARBON DIOXIDE CAPTURE PART 1 PERFORMANCE EVALUATON METHODS FOR POST-COMBUSTION CO2 CAPTURE INTEGRATED WITH A POWER PLANT
9	EED 1 (25249)	CARBON DIOXIDE CAPTURE PART 2 EVALUATION PROCEDURE TO ASSURE AND MAINTAIN STABLE PERFORMANCE OF POST COMBUSTION CO2 CAPTURE PLANT INTEGRATED WITH A POWER PLANT
10	EED 1 (25250)	CARBON DIOXIDE CAPTURE TRANSPORTATION AND GEOLOGICAL STORAGE - CROSS CUTTING ISSUES - CO2 STREAM COMPOSITION
11	EED 1 (25251)	CARBON DIOXIDE CAPTURE - OVERVIEW OF CARBON DIOXIDE CAPTURE TECHNOLOGIES IN THE CEMENT INDUSTRY
12	EED 1 (25252)	CARBON DIOXIDE CAPTURE TRANSPORTATION AND GEOLOGICAL STORAGE - INJECTION OPERATIONS INFRASTRUCTURE AND MONITORING
13	EED 1 (25253)	CARBON DIOXIDE CAPTURE TRANSPORTATION AND GEOLOGICAL STORAGE - CROSS CUTTING ISSUES - FLOW ASSURANCE
14	EED 1 (25265)	CIRCULAR ECONOMY - VOCABULARY PRINCIPLES AND GUIDANCE FOR IMPLEMENTATION
15	EED 1 (25266)	CIRCULAR ECONOMY - MEASURING AND ASSESSING CIRCULARITY PERFORMANCE
16	EED 1 (25268)	CIRCULAR ECONOMY GUIDANCE ON THE TRANSITION OF BUSINESS MODELS AND VALUE NETWORKS
17	EED 1 (25454)	CLIMATE CHANGE MANAGEMENT TRANSITION TO NET ZERO PART 1 CARBON NEUTRALITY
18	EED 1 (25463)	GREENHOUSE GASES QUANTIFICATION AND REPORTING OF GREENHOUSE GAS EMISSIONS ARISING FROM TRANSPORT CHAIN OPERATIONS
19	EED 1 (25464)	ADAPTATION TO CLIMATE CHANGE - GUIDELINES ON VULNERABILITY IMPACTS AND RISK ASSESSMENT
20	EED 1 (25465)	ADAPTATION TO CLIMATE CHANGE - REQUIREMENTS AND GUIDANCE ON ADAPTATION PLANNING FOR LOCAL GOVERNMENTS AND COMMUNITIES
21	EED 1 (25466)	MECHANISM FOR FINANCING LOCAL ADAPION TO CLIMATE CHANGE - PERFORMANCE-BASED CLIMATE RESILIENCE GRANTS REQUIREMENTS AND GUIDELINES
22	EED 1 (25467)	GREENHOUSE GAS MANAGEMENT AND RELATED ACTIVITIES - FRAMEWORK INCLUDING PRINCIPLES AND REQUIREMENTS FOR ASSESSING AND REPORTING INVESTMENTS AND FINANCING ACTIVITIES RELATED TO CLIMATE CHANGE
23	EED 1 (25468)	ENVIRONMENTAL MANAGEMENT - REQUIREMENTS WITH GUIDANCE FOR VERIFICATION AND VALIDATION OF WATER STATEMENTS
24	EED 1 (25469)	ENVIRONMENATAL MANAGEMENT - LIFE CYCLE ASSESSMENT - DATA DOCUMENTATION FORMAT
25	EED 1 (25470)	ENVIRONMENTAL MANAGEMENT - GUIDELINES FOR ESTABLISHING GOOD PRACTICES FOR COMBATTING LAND DEGRADATION AND DESERTIFICATION PART 1 GOOD PRACTICES FRAMEWORK
26	EED 1 (25471)	ENVIRONMENTAL MANAGEMENT - LIFE CYCLE ASSESSMENT - PRINCIPLES REQUIREMENTS AND GUIDELINES FOR NORMALIZATION WEIGHTING AND

		INTERPRETATION
27	EED 1 (25530)	Circular Economy Review of Existing Value Networks

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	EED 1 (20734) Revision of: IS/ISO 14065:2013	General principles and requirements for bodies validating and verifying environmental information Second Revision
2	EED 1 (22989)	Environmental management systems - Guidelines for determining environmental costs and benefits
3	EED 1 (22994)	Environmental management - Water footprint - Illustrative examples on how to apply ISO 14046
4	EED 1 (23001)	Environmental management systems Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area Part 2 Water
5	EED 1 (23019) Revision of: IS/ISO 14020:2000	Environmental statements and programmes for products Principles and general requirements Second Revision
6	EED 1 (23021)	Environmental management - Guidelines on the assurance of environmental reports
7	EED 1 (23022) Revision of: IS/ISO 14066:2011	Environmental information - Competence requirements for teams validating and verifying environmental information First Revision
8	EED 1 (23042)	GREENHOUSE GAS MANAGEMENT AND RELATED ACTIVITIES FRAMEWORK AND PRINCIPLES FOR METHODOLOGIES ON CLIMATE ACTIONS
9	EED 1 (23043)	Stationary source emissions Determination of greenhouse gas emissions in energy-intensive industries Part 1 General aspects

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	EED 1 (18381) Revision of: IS 16652:2017	Implementation of Environmental Management Systems in Single Super Phosphate SSP Fertilizer Industry Guide First Revision
2	EED 1 (19329) Revision of: IS/ISO 14031:1999	Environmental management - Environmental performance evaluation - Guidelines First Revision
3	EED 1 (20719) Revision of: IS/ISO 14064:2006	Greenhouse Gases Part 1 Specification with Guidance at the Organization Level for Quantification and Reporting of Greenhouse Gas Emissions and Removals First Revision
4	EED 1 (20733) Revision of: IS/ISO 14064:2006	GREENHOUSE GASES Part 3 Specification with guidance for the validation and verification of greenhouse gas statements First Revision
5	EED 1 (22429)	Environmental management - Eco-efficiency assessment of product systems - Principles requirements and guidelines
6	EED 1 (22987)	Environmental management systems Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area Part 1 General
7	EED 1 (22988)	Environmental management systems Guidelines for incorporating eco-design
8	EED 1 (22990)	Monetary valuation of environmental impacts and related environmental aspects
9	EED 1 (22991)	Environmental management systems Guidelines for incorporating material circulation in design and development
10	EED 1 (22992)	Environmental management - Material flow cost accounting - Guidance for practical implementation in a supply chain
11	EED 1 (22993)	Environmental management - Material flow cost accounting - Guidance for phased implementation in organizations

Total Published Standards:28 Total Standards Under development:47

Aspect Wise Report

Product : 0
Code of Practices : 5
Methods of Test : 0
Terminology : 1
Dimensions : 0
System Standard : 22
Safety Standard : 0
Others : 0
Service Specification : 0

Process Specification : 0
Unclassified : 0

Annexure-I : List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS/ISO 14010 : 1996	Guidelines for environmental auditing - General principles
2	IS/ISO 14011 : 1996	Guidelines for Environmental Auditing - Audit Procedures - Auditing of Environmental Management Systems
3	IS/ISO 14012 : 1996	Guidelines for environmental auditing - Qualification criteria for environmental auditors
4	IS/ISO 14021 : 1999 ISO 14021:1999 Reviewed In : 2017 ISO 14021:1999	Environmental labels and declarations - Self - Declared environmental claims Type 2 Environmental Labelling
5	IS/ISO 14041 : 1998	Environmental management - Life cycle assessment - Goal and scope definition and inventory analysis
6	IS/ISO 14042 : 2000	Environmental Management - Life Cycle Assessment - Life Cycle Impact Assessment
7	IS/ISO 14043 : 2000	Environmental Management - Life Cycle Assessment - Life Cycle Interpretation

Annexure-II : List of Indian Product Standards

SI. No.	IS No. & Year	Title
		No Records Found