

# 13 Climate Action

Take urgent action to combat climate change and its impacts

## 105 standards contributing to SDG 13

	Standard and/or project	Sector	JIS	TC
1	ISO 817:2014 Refrigerants -- Designation and safety classification	Special technologies	なし	ISO/TC 86/SC 8
2	ISO 8528-5:2018 Reciprocating internal combustion engine driven alternating current generating sets -- Part 5: Generating sets	Mechanical engineering	なし	ISO/TC 70
3	ISO 8528-7:2017 Reciprocating internal combustion engine driven alternating current generating sets -- Part 7: Technical declarations for specification and design	Mechanical engineering	なし	ISO/TC 70
4	ISO 8528-8:2016 Reciprocating internal combustion engine driven alternating current generating sets -- Part 8: Requirements and tests for low-power generating sets	Mechanical engineering	なし	ISO/TC 70
5	ISO 8528-9:2017 Reciprocating internal combustion engine driven alternating current generating sets -- Part 9: Measurement and evaluation of mechanical vibrations	Mechanical engineering	なし	ISO/TC 70
6	ISO 9059:1990 Solar energy -- Calibration of field pyrheliometers by comparison to a reference pyrheliometer	Energy	なし	ISO/TC 180/SC 1
7	ISO 9060:1990 Solar energy -- Specification and classification of instruments for measuring hemispherical solar and direct solar radiation	Energy	なし	ISO/TC 180/SC 1
8	ISO 9845-1:1992 Solar energy -- Reference solar spectral irradiance at the ground at different receiving conditions -- Part 1: Direct normal and hemispherical solar irradiance for air mass	Sustainability and environment	なし	ISO/TC 180/SC 1
9	ISO 9846:1993 Solar energy -- Calibration of a pyranometer using a pyrheliometer	Energy	なし	ISO/TC 180/SC 1
10	ISO 9847:1992 Solar energy -- Calibration of field pyranometers by comparison to a reference pyranometer	Energy	なし	ISO/TC 180/SC 1
11	ISO 13065:2015 Sustainability criteria for bioenergy		なし	ISO/TMBG
12	ISO/IEC 13273-1:2015 Energy efficiency and renewable energy sources -- Common international terminology -- Part 1: Energy efficiency	Energy	なし	ISO/TC 301
13	ISO/IEC 13273-2:2015 Energy efficiency and renewable energy sources -- Common international terminology -- Part 2: Renewable energy sources	Energy	なし	ISO/TC 301
14	ISO 13579-1:2013 Industrial furnaces and associated processing equipment -- Method of measuring energy balance and calculating efficiency -- Part 1: General methodology	Mechanical engineering	なし	ISO/TC 244
15	ISO 13579-3:2013 Industrial furnaces and associated processing equipment -- Method of measuring energy balance and calculating efficiency -- Part 3: Batch-type aluminium melting	Mechanical engineering	なし	ISO/TC 244
16	ISO 13579-4:2013 Industrial furnaces and associated processing equipment -- Method of measuring energy balance and calculating efficiency -- Part 4: Furnaces with protective or reactive	Mechanical engineering	なし	ISO/TC 244
	ISO 13579-11:2017			

17	Industrial furnaces and associated processing equipment -- Method of measuring energy balance and calculating energy efficiency -- Part 11: Evaluation of various kinds of	Mechanical engineering	なし	ISO/TC 244
18	ISO 14001:2015 Environmental management systems -- Requirements with guidance for use	Sustainability and environment	<a href="#">JIS Q 14001:2015</a> 環境マネジメントシステム—要求事項及び利用の手引	ISO/TC 207/SC 1
19	ISO/DIS 14006 [Under development] Environmental management systems -- Guidelines for incorporating ecodesign	Sustainability and environment	なし	ISO/TC 207/SC 1
20	ISO/DIS 14007 [Under development] Environmental management -- Guidelines for determining environmental costs and benefits	Sustainability and environment	なし	ISO/TC 207/SC 1
21	ISO/FDIS 14008 [Under development] Monetary valuation of environmental impacts and related environmental aspects	Sustainability and environment	なし	ISO/TC 207/SC 1
22	ISO/WD 14009 [Under development] Environmental management system: Guidelines for incorporating redesign of products and components to improve material circulation	Sustainability and environment	なし	ISO/TC 207/SC 1
23	ISO/CD 14016 [Under development] Environmental management -- Guidelines on assurance of environmental reports	Sustainability and environment	なし	ISO/TC 207/SC 2
24	ISO 14020:2000 Environmental labels and declarations -- General principles	Sustainability and environment	なし	ISO/TC 207/SC 3
25	ISO 14021:2016 Environmental labels and declarations -- Self-declared environmental claims (Type II environmental labelling)	Sustainability and environment	なし	ISO/TC 207/SC 3
26	ISO 14024:2018 Environmental labels and declarations -- Type I environmental labelling -- Principles and procedures	Sustainability and environment	なし	ISO/TC 207/SC 3
27	ISO 14025:2006 Environmental labels and declarations -- Type III environmental declarations -- Principles and procedures	Sustainability and environment	<a href="#">JIS Q 14025:2008</a> 環境ラベル及び宣言—タイプIII環境宣言—原則及び手順	ISO/TC 207/SC 3
28	ISO 14026:2017 Environmental labels and declarations -- Principles, requirements and guidelines for communication of footprint information	Sustainability and environment	なし	ISO/TC 207/SC 3
29	ISO/CD 14030-1 [Under development] Green bonds -- Environmental performance of nominated projects and assets	Sustainability and environment	なし	ISO/TC 207/SC 4
30	ISO 14031:2013 Environmental management -- Environmental performance evaluation -- Guidelines	Sustainability and environment	なし	ISO/TC 207/SC 4
31	ISO/DIS 14033 [Under development] Environmental management -- Quantitative environmental information -- Guidelines and examples	Sustainability and environment	なし	ISO/TC 207/SC 4
32	ISO 14034:2016 Environmental management -- Environmental technology verification (ETV)	Sustainability and environment	なし	ISO/TC 207/SC 4
33	ISO 14040:2006 Environmental management -- Life cycle assessment -- Principles and framework	Sustainability and environment	<a href="#">JIS Q 14040:2010</a> 環境マネジメント—ライフサイクルアセスメント—原則及び枠組み	ISO/TC 207/SC 5
34	ISO 14044:2006 Environmental management -- Life cycle assessment -- Requirements and guidelines	Sustainability and environment	<a href="#">JIS Q 14044:2010</a> 環境マネジメント—ライフサイクルアセスメント—要求事項及び指針	ISO/TC 207/SC 5
35	ISO 14045:2012 Environmental management -- Eco-efficiency assessment of product systems -- Principles, requirements and guidelines	Sustainability and environment	なし	ISO/TC 207/SC 5

36	ISO 14046:2014 Environmental management -- Water footprint -- Principles, requirements and guidelines	Sustainability and environment	なし	ISO/TC 207/SC 5
37	ISO/CD 14053 [Under development] Environmental Management -- Material flow cost accounting -- guidance for practical application in the SME sector	Sustainability and environment	なし	ISO/TC 207
38	ISO 14055-1:2017 Environmental management -- Guidelines for establishing good practices for combatting land degradation and desertification -- Part 1: Good practices	Sustainability and environment	なし	ISO/TC 207
39	ISO/AWI TR 14055-2 [Under development] Environmental management -- Guidelines for establishing good practices for combatting land degradation and desertification -- Part 2: Regional case	Sustainability and environment	なし	ISO/TC 207
40	ISO/CD 14063 [Under development] Environmental management -- Environmental communication -- Guidelines and examples	Sustainability and environment	なし	ISO/TC 207/SC 4
41	ISO 14064-1 [Under development] Greenhouse gases -- Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals	Sustainability and environment	なし	ISO/TC 207/SC 7
42	ISO/FDIS 14064-2 [Under development] Greenhouse gases -- Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or	Sustainability and environment	なし	ISO/TC 207/SC 7
43	ISO/FDIS 14064-3 [Under development] Greenhouse gases -- Part 3: Specification with guidance for the verification and validation of greenhouse gas statements	Sustainability and environment	なし	ISO/TC 207/SC 7
44	ISO/CD 14065 [Under development] Greenhouse gases -- Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition	Sustainability and environment	なし	ISO/TC 207/SC 7
45	ISO 14067:2018 Greenhouse gases -- Carbon footprint of products -- Requirements and guidelines for quantification	Sustainability and environment	なし	ISO/TC 207/SC 7
46	ISO 14080:2018 Greenhouse gas management and related activities -- Framework and principles for methodologies on climate actions	Sustainability and environment	なし	ISO/TC 207/SC 7
47	ISO/DIS 14090 [Under development] Adaptation to climate change -- Principles, requirements and guidelines	Sustainability and environment	なし	ISO/TC 207/SC 7
48	ISO/CD 14091 [Under development] Adaptation to climate change -- Vulnerability, impacts and risk assessment	Sustainability and environment	なし	ISO/TC 207/SC 7
49	ISO/AWI TS 14092 [Under development] GHG Management & related activities: requirement & guidance of adaptation planning for organizations including local governments and communities	Sustainability and environment	なし	ISO/TC 207/SC 7
50	ISO/NP 14097 [Under development] Framework and principles for assessing and reporting investments and financing activities related to climate change	Sustainability and environment	なし	ISO/TC 207/SC 7
51	ISO 14404-1:2013 Calculation method of carbon dioxide emission intensity from iron and steel production -- Part 1: Steel plant with blast furnace	Ores and metals	なし	ISO/TC 17
52	ISO 14404-2:2013 Calculation method of carbon dioxide emission intensity from iron and steel production -- Part 2: Steel plant with electric arc furnace (EAF)	Ores and metals	なし	ISO/TC 17
53	ISO 14404-3:2017 Calculation method of carbon dioxide emission intensity from iron and steel production -- Part 3: Steel plant with electric arc furnace (EAF) and coal-based or gas-based	Ores and metals	なし	ISO/TC 17
	ISO 16000-1:2004		<a href="#">JIS A 1960:2015</a>	

54	Indoor air -- Part 1: General aspects of sampling strategy	Sustainability and environment	室内空気のサンプリング方法通則	ISO/TC 146/SC 6
55	ISO 16384:2012 Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels -- Dimethylether (DME) -- Measurement and calculation on board ships	Energy	なし	ISO/TC 28/SC 5
56	ISO 16923:2016 Natural gas fuelling stations -- CNG stations for fuelling vehicles		なし	ISO/TMBG
57	ISO 16924:2016 Natural gas fuelling stations -- LNG stations for fuelling vehicles		なし	ISO/TMBG
58	ISO/TS 17306:2016 Petroleum products -- Biodiesel -- Determination of free and total glycerin and mono-, di- and triacylglycerols by gas chromatography	Energy	なし	ISO/TC 28/SC 7
59	ISO/TS 17307:2016 Petroleum products -- Biodiesel -- Determination of total esters content by gas chromatography	Energy	なし	ISO/TC 28/SC 7
60	ISO 17741:2016 General technical rules for measurement, calculation and verification of energy savings of projects	Energy	なし	ISO/TC 301
61	ISO 17742:2015 Energy efficiency and savings calculation for countries, regions and cities	Energy	なし	ISO/TC 301
62	ISO 17743:2016 Energy savings -- Definition of a methodological framework applicable to calculation and reporting on energy savings	Energy	なし	ISO/TC 301
63	ISO 18601:2013 Packaging and the environment -- General requirements for the use of ISO standards in the field of packaging and the environment	Freight, packaging and distribution	<a href="#">JIS Z 0130-1:2015</a> 包装の環境配慮—第1部: 一般的 要求事項	ISO/TC 122/SC 4
64	ISO 18602:2013 Packaging and the environment -- Optimization of the packaging system	Freight, packaging and distribution	<a href="#">JIS Z 0130-2:2015</a> 包装の環境配慮—第2部: 包装シ ステムの最適化	ISO/TC 122/SC 4
65	ISO 18603:2013 Packaging and the environment -- Reuse	Freight, packaging and distribution	<a href="#">JIS Z 0130-3:2015</a> 包装の環境配慮—第3部: リユース	ISO/TC 122/SC 4
66	ISO 18604:2013 Packaging and the environment -- Material recycling	Freight, packaging and distribution	<a href="#">JIS Z 0130-4:2015</a> 包装の環境配慮—第4部: マテリア ルリサイクル	ISO/TC 122/SC 4
67	ISO 18605:2013 Packaging and the environment -- Energy recovery	Freight, packaging and distribution	<a href="#">JIS Z 0130-5:2015</a> 包装の環境配慮—第5部: エネル ギー回収	ISO/TC 122/SC 4
68	ISO 18606:2013 Packaging and the environment -- Organic recycling	Freight, packaging and distribution	<a href="#">JIS Z 0130-6:2015</a> 包装の環境配慮—第6部: 有機的 リサイクル	ISO/TC 122/SC 4
69	ISO/NP 19694-1 [Under development] Stationary source emissions -- Determination of greenhouse gas (GHG) emissions in energy-intensive industries -- Part 1: General aspects	Sustainability and environment	なし	ISO/TC 207/SC 7
70	ISO 19867-1:2018 Clean cookstoves and clean cooking solutions -- Harmonized laboratory test protocols -- Part 1: Standard test sequence for emissions and performance, safety and	Sustainability and environment	なし	ISO/TC 285
71	ISO/TR 19867-3:2018 Clean cookstoves and clean cooking solutions -- Harmonized laboratory test protocols -- Part 3: Voluntary performance targets for cookstoves based on laboratory	Sustainability and environment	なし	ISO/TC 285
72	ISO/DIS 19869 [Under development] Clean cookstoves and clean cooking solutions -- Guidance on field testing methods for cookstoves	Sustainability and environment	なし	ISO/TC 285

73	ISO/NP TR 19915 [Under development] Clean cookstoves and clean cooking solutions -- Guidelines for social impact assessment	Sustainability and environment	なし	ISO/TC 285
74	ISO 20121:2012 Event sustainability management systems -- Requirements with guidance for use		なし	ISO/TMBG
75	ISO/DIS 20424 [Under development] Fatty acid methyl esters (FAME) -- Determination of sulfur content -- Inductively coupled plasma optical emission spectrometry (ICP-OES) method	Energy	なし	ISO/TC 28/SC 7
76	ISO/DIS 20951 [Under development] Soil Quality -- Guidance on methods for measuring greenhouse gases (CO <sub>2</sub> , N <sub>2</sub> O, CH <sub>4</sub> ) and ammonia (NH <sub>3</sub> ) fluxes between soils and the atmosphere	Sustainability and environment	なし	ISO/TC 190
77	ISO 21067-2:2015 Packaging -- Vocabulary -- Part 2: Packaging and the environment terms	Freight, packaging and distribution	なし	ISO/TC 122/SC 4
78	ISO/TR 21276:2018 Clean cookstoves and clean cooking solutions -- Vocabulary	Sustainability and environment	なし	ISO/TC 285
79	ISO/IEC CD 21836 [Under development] Information Technology -- Data Centres -- Server Energy Effectiveness Metric	Information technology, graphics and photography	なし	ISO/IEC JTC 1/SC
80	ISO 29400:2015 Ships and marine technology -- Offshore wind energy -- Port and marine operations	Transport	なし	ISO/TC 8
81	ISO 29404:2015 Ships and marine technology -- Offshore wind energy -- Supply chain information flow	Transport	なし	ISO/TC 8
82	ISO/IEC 30134-3:2016 Information technology -- Data centres -- Key performance indicators -- Part 3: Renewable energy factor (REF)	Information technology, graphics and photography	なし	ISO/IEC JTC 1/SC
83	ISO/IEC 30134-4:2017 Information technology -- Data centres -- Key performance indicators -- Part 4: IT Equipment Energy Efficiency for servers (ITEEsv)	Information technology, graphics and photography	なし	ISO/IEC JTC 1/SC
84	ISO/IEC 30134-5:2017 Information technology -- Data centres -- Key performance indicators -- Part 5: IT Equipment Utilization for servers (ITEUsv)	Information technology, graphics and photography	なし	ISO/IEC JTC 1/SC
85	ISO 37101:2016 Sustainable development in communities -- Management system for sustainable development -- Requirements with guidance for use	Sustainability and environment	なし	ISO/TC 268
86	ISO 37120:2018 Sustainable cities and communities -- Indicators for city services and quality of life	Sustainability and environment	なし	ISO/TC 268
87	ISO/DIS 37122 [Under development] Sustainable cities and communities -- Indicators for smart cities	Sustainability and environment	なし	ISO/TC 268
88	ISO/DIS 37123 [Under development] Sustainable cities and communities -- Indicators for resilient cities	Sustainability and environment	なし	ISO/TC 268
89	ISO 38200 [Under development] Chain of custody of wood and wood-based products	Sustainability and environment	なし	ISO/PC 287
90	ISO 50001:2018 Energy management systems -- Requirements with guidance for use	Energy	なし	ISO/TC 301
	ISO 50002:2014			

91	Energy audits -- Requirements with guidance for use	Energy	なし	ISO/TC 301
92	ISO 50003:2014 Energy management systems -- Requirements for bodies providing audit and certification of energy management systems	Energy	<a href="#">JIS Q 50003:2015</a> エネルギーマネジメントシステム—エネルギーマネジメントシステムの審査及び認証を行う機関に対する要求事項	ISO/TC 301
93	ISO 50004:2014 Energy management systems -- Guidance for the implementation, maintenance and improvement of an energy management system	Energy	なし	ISO/TC 301
94	ISO 50006:2014 Energy management systems -- Measuring energy performance using energy baselines (EnB) and energy performance indicators (EnPI) -- General principles and	Energy	なし	ISO/TC 301
95	ISO 50007:2017 Energy services -- Guidelines for the assessment and improvement of the energy service to users	Energy	なし	ISO/TC 301
96	ISO 50015:2014 Energy management systems -- Measurement and verification of energy performance of organizations -- General principles and guidance	Energy	なし	ISO/TC 301
97	ISO 50047:2016 Energy savings -- Determination of energy savings in organizations	Energy	なし	ISO/TC 301
98	ISO 52000-1:2017 Energy performance of buildings -- Overarching EPB assessment -- Part 1: General framework and procedures	Building and construction	なし	ISO/TC 163
99	ISO 55000:2014 Asset management -- Overview, principles and terminology	Business management and innovation	<a href="#">JIS Q 55000:2017</a> アセットマネジメント—概要、原則及び用語	ISO/TC 251
100	ISO 55001:2014 Asset management -- Management systems -- Requirements	Business management and innovation	<a href="#">JIS Q 55002:2017</a> アセットマネジメント—マネジメントシステム—JIS Q 55001の適用のための指針	ISO/TC 251
101	ISO 55002 [Under development] Asset management -- Management systems -- Guidelines for the application of ISO 55001	Business management and innovation	なし	ISO/TC 251
102	ISO 55002:2014 Asset management -- Management systems -- Guidelines for the application of ISO 55001	Business management and innovation	<a href="#">JIS Q 55002:2017</a> アセットマネジメント—マネジメントシステム—JIS Q 55001の適用のための指針	ISO/TC 251
103	ISO/AWI TS 55010 [Under development] Guidance on alignment of asset management, finance and accounting	Business management and innovation	なし	ISO/TC 251
104	ISO/AWI 55011 [Under development] Guidance on the development of government asset management policy	Business management and innovation	なし	ISO/TC 251
105	IEC/DIS 62959 [Under development] Environmental conscious design (ECD) -- Principles, requirements and guidance	Sustainability and environment	なし	ISO/TC 207