

12 Responsible Consumption and Production

Ensure sustainable consumption and production patterns

96 standards contributing to SDG 12

	Standard and/or project	Sector	JIS	TC
1	IWA 19:2017 Guidance principles for the sustainable management of secondary metals		なし	ISO/TMBG
2	ISO 3046-1:2002 Reciprocating internal combustion engines -- Performance -- Part 1: Declarations of power, fuel and lubricating oil consumptions, and test methods -- Additional requirements for engines for general use	Mechanical engineering	JIS B 8002-1:2005 往復動内燃機関—性能—第1部：出力・燃料消費量・潤滑油消費量の表示及び試験方法—一般機関に対する追加要求事項	ISO/TC 70
	ISO 3046-3:2006 Reciprocating internal combustion engines -- Performance -- Part 3: Test measurements		JIS B 8002-3:2009 往復動内燃機関—性能—第3部：測定	
4	ISO 3046-4:2009 Reciprocating internal combustion engines -- Performance -- Part 4: Speed governing	Mechanical engineering	なし	ISO/TC 70
5	ISO 3046-5:2001 Reciprocating internal combustion engines -- Performance -- Part 5: Torsional vibrations	Mechanical engineering	JIS B 8002-5:2017 往復動内燃機関—性能—第5部：ねじり振動	ISO/TC 70
	ISO 3046-6:1990 Reciprocating internal combustion engines -- Performance -- Part 6: Overspeed protection		JIS B 8002-6:1998 往復動内燃機関—性能—第6部：過回転速度防止 JIS B 8014:1999 定速回転ディーゼル機関性能試験方法	
7	ISO/NP 3046-6 [Under development] Reciprocating internal combustion engines -- Performance -- Part 6: Overspeed protection	Mechanical engineering	なし	ISO/TC 70
8	ISO 6798:1995 Reciprocating internal combustion engines -- Measurement of emitted airborne noise -- Engineering method and survey method	Sustainability and environment	JIS B 8005:1998 往復動内燃機関—空気の測定—実用測定方法及び簡易測定方法	ISO/TC 70
9	ISO 7986:1997 Hydraulic fluid power -- Sealing devices -- Standard test methods to assess the performance of seals used in oil hydraulic reciprocating applications	Mechanical engineering	JIS B 2409:2002 油圧—密封装置—油圧用往復動シールの性能評価標準試験方法	ISO/TC 131/SC 7
10	ISO 8317:2015 Child-resistant packaging -- Requirements and testing procedures for reclosable packages	Freight, packaging and distribution	なし	ISO/TC 122/SC 3
11	ISO 8528-1:2018 Reciprocating internal combustion engine driven alternating current generating sets -- Part 1: Application, ratings and performance	Mechanical engineering	なし	ISO/TC 70
12	ISO 8528-2:2018 Reciprocating internal combustion engine driven alternating current generating sets -- Part 2: Engines	Mechanical engineering	なし	ISO/TC 70
13	ISO 8528-3:2005 Reciprocating internal combustion engine driven alternating current generating sets -- Part 3: Alternating current generators for generating sets	Mechanical engineering	なし	ISO/TC 70
14	ISO 8528-4:2005 Reciprocating internal combustion engine driven alternating current generating sets -- Part 4: Controlgear and switchgear	Mechanical engineering	なし	ISO/TC 70
15	ISO 8528-5:2018 Reciprocating internal combustion engine driven alternating current generating sets -- Part 5: Generating sets	Mechanical engineering	なし	ISO/TC 70
16	ISO 8528-6:2005 Reciprocating internal combustion engine driven alternating current generating sets -- Part 6: Test methods	Mechanical engineering	なし	ISO/TC 70
17	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
18	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
	ISO 8528-9:2017			

19	Reciprocating internal combustion engine driven alternating current generating sets -- Part 9: Measurement and evaluation of mechanical vibrations	Mechanical engineering	なし	ISO/TC 70
20	ISO 8528-12:1997 Reciprocating internal combustion engine driven alternating current generating sets -- Part 12: Emergency power supply to safety services	Mechanical engineering	JIS B 8009-12:2001 往復動内燃機関駆動発電装置— 第12部:非常用発電装置	ISO/TC 70
21	ISO 9001:2015 Quality management systems -- Requirements	Business management and innovation	JIS Q 9001:2015 品質マネジメントシステム—要求 事項	ISO/TC 176/SC 2
22	ISO 10210:2012 Plastics -- Methods for the preparation of samples for biodegradation testing of plastic materials	Non-metallic materials	JIS K 6949:2015 プラスチック—生分解度試験のた めの試料の作り方	ISO/TC 61/SC 14
23	ISO 11102-1:1997 Reciprocating internal combustion engines -- Handle starting equipment -- Part 1: Safety requirements and tests	Mechanical engineering	なし	ISO/TC 70
24	ISO 11102-2:1997 Reciprocating internal combustion engines -- Handle starting equipment -- Part 2: Method of testing the angle of disengagement	Mechanical engineering	なし	ISO/TC 70
25	ISO 13065:2015 Sustainability criteria for bioenergy		なし	ISO/TMBG
26	ISO 13127:2012 Packaging -- Child resistant packaging -- Mechanical test methods for reclosable child resistant packaging systems	Freight, packaging and distribution	なし	ISO/TC 122/SC 3
27	ISO/IEC 13273-1:2015 Energy efficiency and renewable energy sources -- Common international terminology -- Part 1: Energy efficiency	Energy	なし	ISO/TC 301
28	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
29	ISO 13332:2000 Reciprocating internal combustion engines -- Test code for the measurement of structure-borne noise emitted from high-speed and medium-speed reciprocating	Mechanical engineering	なし	ISO/TC 70
30	ISO 13579-11:2017 Industrial furnaces and associated processing equipment -- Method of measuring energy balance and calculating energy efficiency -- Part 11: Evaluation of various kinds	Mechanical engineering	なし	ISO/TC 244
31	ISO/TS 13811:2015 Tourism and related services -- Guidelines on developing environmental specifications for accommodation establishments	Services	なし	ISO/TC 228
32	ISO 14001:2015 Environmental management systems -- Requirements with guidance for use	Sustainability and environment	JIS Q 14001:2015 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
33	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
34	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
35	ISO 14375:2018 Child-resistant non-reclosable packaging for pharmaceutical products -- Requirements and testing	Freight, packaging and distribution	なし	ISO/TC 122/SC 3
36	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
37	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
38	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
39	ISO 15270:2008 Plastics -- Guidelines for the recovery and recycling of plastics waste	Non-metallic materials	なし	ISO/TC 61/SC 14
40	ISO 16128-1:2016 Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients and products -- Part 1: Definitions for ingredients	Health, medicine and laboratory equipment	なし	ISO/TC 217
	ISO 16128-2:2017			

41	Cosmetics -- Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients -- Part 2: Criteria for ingredients and products	Health, medicine and laboratory equipment	なし	ISO/TC 217
42	ISO 17741:2016 General technical rules for measurement, calculation and verification of energy savings of projects	Energy	なし	ISO/TC 301
43	ISO 17742:2015 Energy efficiency and savings calculation for countries, regions and cities	Energy	なし	ISO/TC 301
44	ISO 17743:2016 Energy savings -- Definition of a methodological framework applicable to calculation and reporting on energy savings	Energy	なし	ISO/TC 301
45	ISO 18065:2015 Tourism and related services -- Tourist services for public use provided by Natural Protected Areas Authorities -- Requirements	Services	なし	ISO/TC 228
46	ISO 18400-104:2018 Soil quality -- Sampling -- Part 104: Strategies	Sustainability and environment	なし	ISO/TC 190/SC 2
47	ISO 18400-202:2018 Soil quality -- Sampling -- Part 202: Preliminary investigations	Sustainability and environment	なし	ISO/TC 190/SC 2
48	ISO 18400-203:2018 Soil quality -- Sampling -- Part 203: Investigation of potentially contaminated sites	Sustainability and environment	なし	ISO/TC 190/SC 2
49	ISO 18400-204:2017 Soil quality -- Sampling -- Part 204: Guidance on sampling of soil gas	Sustainability and environment	なし	ISO/TC 190/SC 2
50	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	JIS Z 0130-1:2015 包装の環境配慮—第1部:一般的 要求事項	ISO/TC 122/SC 4
51	ISO 18602:2013 Packaging and the environment -- Optimization of the packaging system	Freight, packaging and distribution	JIS Z 0130-2:2015 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
52	ISO 18603:2013 Packaging and the environment -- Reuse	Freight, packaging and distribution	JIS Z 0130-3:2015 包装の環境配慮—第3部:リユ ース	ISO/TC 122/SC 4
53	ISO 18604:2013 Packaging and the environment -- Material recycling	Freight, packaging and distribution	JIS Z 0130-4:2015 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
54	ISO 18605:2013 Packaging and the environment -- Energy recovery	Freight, packaging and distribution	JIS Z 0130-5:2015 包装の環境配慮—第5部:エネ ルギー回収	ISO/TC 122/SC 4
55	ISO 18606:2013 Packaging and the environment -- Organic recycling	Freight, packaging and distribution	JIS Z 0130-6:2015 包装の環境配慮—第6部:有機 的リサイクル	ISO/TC 122/SC 4
56	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
57	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
58	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
59	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
60	ISO 20121:2012 Event sustainability management systems -- Requirements with guidance for use		なし	ISO/TMBG
61	ISO 20400:2017 Sustainable procurement -- Guidance		なし	ISO/TMBG
62	ISO 21041 [Under development] Guidance on unit pricing	Services	なし	ISO/PC 294
	ISO 21067-2:2015			

63	Packaging -- Vocabulary -- Part 2: Packaging and the environment terms	Freight, packaging and distribution	なし	ISO/TC 122/SC 4
64	ISO/TR 21276:2018 Clean cookstoves and clean cooking solutions -- Vocabulary	Sustainability and environment	なし	ISO/TC 285
65	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
66	ISO/CD 21896 [Under development] Paper, pulp, and recycling - Decolouration test of dye coloured paper products and paper products printed using dye inks	Non-metallic materials	なし	ISO/TC 6
67	ISO/WD 22095 [Under development] Chain of custody -- General terminology, concepts, requirements and guidance	Business management and innovation	なし	ISO/PC 308
68	ISO/WD 22450 [Under development] Rare earth -- Elements Recycling --Communication formats for providing recycling information on rare earth elements in by-products and industrial wastes	Ores and metals	なし	ISO/TC 298
69	ISO/WD 22451 [Under development] Rare earth -- Elements recycling -- Measurement method of rare earth elements in by-products and industrial wastes	Ores and metals	なし	ISO/TC 298
70	ISO/WD 22453 [Under development] Rare earth -- Elements recycling -- Method for the exchange of information of rare earth elements in by-products and industrial wastes	Ores and metals	なし	ISO/TC 298
71	ISO/NP 22948 [Under development] Carbon footprint for seafood -- Product category rules (CFP-PCR)	Food and agriculture	なし	ISO/TC 234
72	ISO/DTS 26030 [Under development] Sustainable development and social responsibility -- Guidance for using ISO 26000:2010 in the food chain	Food and agriculture	なし	ISO/TC 34
73	ISO 28862:2018 Packaging -- Child-resistant packaging -- Requirements and testing procedures for non-reclosable packages for non-pharmaceutical products	Freight, packaging and distribution	なし	ISO/TC 122/SC 3
74	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
75	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
76	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
77	ISO 34101-1 [Under development] Sustainable and traceable cocoa -- Part 1: Requirements for cocoa sustainability management systems	Food and agriculture	なし	ISO/TC 34/SC 18
78	ISO/TS 34700:2016 Animal welfare management -- General requirements and guidance for organizations in the food supply chain	Food and agriculture	なし	ISO/TC 34
79	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
80	ISO 38200 [Under development] Chain of custody of wood and wood-based products	Sustainability and environment	なし	ISO/PC 287
81	ISO 39001:2012 Road traffic safety (RTS) management systems -- Requirements with guidance for use	Transport	なし	ISO/TC 241
82	ISO 50001:2018 Energy management systems -- Requirements with guidance for use	Energy	なし	ISO/TC 301
83	ISO 50002:2014 Energy audits -- Requirements with guidance for use	Energy	なし	ISO/TC 301
84	ISO 50003:2014 Energy management systems -- Requirements for bodies providing audit and certification of energy management systems	Energy	JIS Q 50003:2015 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
	ISO 50004:2014			

85	Energy management systems -- Guidance for the implementation, maintenance and improvement of an energy management system	Energy	なし	ISO/TC 301
86	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
87	ISO 50007:2017 Energy services -- Guidelines for the assessment and improvement of the energy service to users	Energy	なし	ISO/TC 301
88	ISO 50015:2014 Energy management systems -- Measurement and verification of energy performance of organizations -- General principles and guidance	Energy	なし	ISO/TC 301
89	ISO 50047:2016 Energy savings -- Determination of energy savings in organizations	Energy	なし	ISO/TC 301
90	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
91	ISO 55000:2014 Asset management -- Overview, principles and terminology	Business management and innovation	JIS Q 55000:2017 アセットマネジメント—概要、原則及び用語	ISO/TC 251
92	ISO 55001:2014 Asset management -- Management systems -- Requirements	Business management and innovation	JIS Q 55001:2017 アセットマネジメント—マネジメントシステム—要求事項	ISO/TC 251
93	ISO 55002 [Under development] Asset management -- Management systems -- Guidelines for the application of ISO 55001	Business management and innovation	なし	ISO/TC 251
94	ISO 55002:2014 Asset management -- Management systems -- Guidelines for the application of ISO 55001	Business management and innovation	JIS Q 55002:2017 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
95	ISO/AWI TS 55010 [Under development] Guidance on alignment of asset management, finance and accounting	Business management and innovation	なし	ISO/TC 251
96	ISO/AWI 55011 [Under development] Guidance on the development of government asset management policy	Business management and innovation	なし	ISO/TC 251