

7 Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all

63 standards contributing to SDG 7

	Standard and/or project	Sector	JIS	TC
1	ISO 8528-5:2018 Reciprocating internal combustion engine driven alternating current generating sets -- Part 5: Generating sets	Mechanical engineering	なし	ISO/TC 70
2	ISO 9059:1990 Solar energy -- Calibration of field pyrheliometers by comparison to a reference pyrheliometer	Energy	なし	ISO/TC 180/SC 1
3	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
4	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	Energy	なし	ISO/TC 180/SC 1
5	ISO 9846:1993 Solar energy -- Calibration of a pyranometer using a pyrheliometer	Energy	なし	ISO/TC 180/SC 1
6	ISO 9847:1992 Solar energy -- Calibration of field pyranometers by comparison to a reference pyranometer	Energy	なし	ISO/TC 180/SC 1
7	ISO 13065:2015 Sustainability criteria for bioenergy		なし	ISO/TMBG
8	ISO/IEC 13273-1:2015 Energy efficiency and renewable energy sources -- Common international terminology -- Part 1: Energy efficiency	Sustainability and environment	なし	ISO/TC 301
9	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
10	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
11	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
12	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
13	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 of	Mechanical engineering	なし	ISO/TC 244
14	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
15	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
16	ISO 16923:2016 Natural gas fuelling stations -- CNG stations for fuelling vehicles		なし	ISO/TMBG
17	ISO 16924:2016 Natural gas fuelling stations -- LNG stations for fuelling vehicles		なし	ISO/TMBG
18	ISO 17123-3:2001 Optics and optical instruments -- Field procedures for testing geodetic and surveying instruments -- Part 3: Theodolites	Special technologies	なし	ISO/TC 172/SC 6
19	ISO 17225-1:2014 Solid biofuels -- Fuel specifications and classes -- Part 1: General requirements	Energy	なし	ISO/TC 238
	ISO 17225-2:2014			

20	Solid biofuels -- Fuel specifications and classes -- Part 2: Graded wood pellets	Energy	なし	ISO/TC 238
21	ISO 17225-3:2014 Solid biofuels -- Fuel specifications and classes -- Part 3: Graded wood briquettes	Energy	なし	ISO/TC 238
22	ISO 17225-4:2014 Solid biofuels -- Fuel specifications and classes -- Part 4: Graded wood chips	Energy	なし	ISO/TC 238
23	ISO 17225-5:2014 Solid biofuels -- Fuel specifications and classes -- Part 5: Graded firewood	Energy	なし	ISO/TC 238
24	ISO 17225-6:2014 Solid biofuels -- Fuel specifications and classes -- Part 6: Graded non-woody pellets	Energy	なし	ISO/TC 238
25	ISO 17225-7:2014 Solid biofuels -- Fuel specifications and classes -- Part 7: Graded non-woody briquettes	Energy	なし	ISO/TC 238
26	ISO/TS 17225-8:2016 Solid biofuels -- Fuel specifications and classes -- Part 8: Graded thermally treated and densified biomass fuels	Energy	なし	ISO/TC 238
27	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
28	ISO/TS 17307:2016 Petroleum products -- Biodiesel -- Determination of total esters content by gas chromatography	Energy	なし	ISO/TC 28/SC 7
29	ISO 17741:2016 General technical rules for measurement, calculation and verification of energy savings of projects	Energy	なし	ISO/TC 301
30	ISO 17742:2015 Energy efficiency and savings calculation for countries, regions and cities	Energy	なし	ISO/TC 301
31	ISO 17743:2016 Energy savings -- Definition of a methodological framework applicable to calculation and reporting on energy savings	Energy	なし	ISO/TC 301
32	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
33	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
34	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
35	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
36	ISO 20121:2012 Event sustainability management systems -- Requirements with guidance for use		なし	ISO/TMBG
37	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
38	ISO 20519:2017 Ships and marine technology -- Specification for bunkering of liquefied natural gas fuelled vessels	Transport	なし	ISO/TC 8
39	ISO/TR 21276:2018 Clean cookstoves and clean cooking solutions -- Vocabulary	Sustainability and environment	なし	ISO/TC 285
40	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
	ISO 22301:2012		JIS Q 22301:2013	

41	Societal security -- Business continuity management systems -- Requirements	Security, safety and risk	社会セキュリティ-事業継続マネジメントシステム-要求事項	ISO/TC 292
42	ISO/AWI 23306 [Under development] Specification of liquefied natural gas as a fuel for marine applications	Energy	なし	ISO/TC 28/SC 4
43	ISO 29400:2015 Ships and marine technology -- Offshore wind energy -- Port and marine operations	Transport	なし	ISO/TC 8
44	ISO 29404:2015 Ships and marine technology -- Offshore wind energy -- Supply chain information flow	Transport	なし	ISO/TC 8
45	ISO 29945:2016 Refrigerated non-petroleum based liquefied gaseous fuels -- Dimethylether (DME) -- Method of manual sampling onshore terminals	Energy	なし	ISO/TC 28/SC 5
46	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
47	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
48	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
49	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
50	ISO 50001:2018 Energy management systems -- Requirements with guidance for use	Energy	なし	ISO/TC 301
51	ISO 50002:2014 Energy audits -- Requirements with guidance for use	Energy	なし	ISO/TC 301
52	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
53	ISO 50004:2014 Energy management systems -- Guidance for the implementation, maintenance and improvement of an energy management system	Energy	なし	ISO/TC 301
54	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
55	ISO 50007:2017 Energy services -- Guidelines for the assessment and improvement of the energy service to users	Energy	なし	ISO/TC 301
56	ISO 50015:2014 Energy management systems -- Measurement and verification of energy performance of organizations -- General principles and guidance	Energy	なし	ISO/TC 301
57	ISO 50047:2016 Energy savings -- Determination of energy savings in organizations	Energy	なし	ISO/TC 301
58	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
59	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
60	ISO 55002 [Under development] Asset management -- Management systems -- Guidelines for the application of ISO 55001	Business management and innovation	なし	ISO/TC 251
61	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
	ISO/AWI TS 55010 [Under development]			

62	Guidance on alignment of asset management, finance and accounting	Business management and innovation	なし	ISO/TC 251
63	ISO/AWI 55011 [Under development] Guidance on the development of government asset management policy	Business management and innovation	なし	ISO/TC 251