

Published Standards

ISO/TC 238, Solid biofuels and Pyrogenic biocarbon (47)

ISO 5370:2023	Solid biofuels — Determination of fines content in pellets
ISO 14780:2017	Solid biofuels — Sample preparation
ISO 14780:2017/Amd 1:2019	Solid biofuels — Sample preparation — Amendment 1
ISO 16559:2022	Solid biofuels — Vocabulary
ISO 16948:2015	Solid biofuels — Determination of total content of carbon, hydrogen and nitrogen
ISO 16967:2015	Solid biofuels — Determination of major elements — Al, Ca, Fe, Mg, P, K, Si, Na and Ti
ISO 16968:2015	Solid biofuels — Determination of minor elements
ISO 16993:2016	Solid biofuels — Conversion of analytical results from one basis to another
ISO 16994:2016	Solid biofuels — Determination of total content of sulfur and chlorine
ISO 16995:2015	Solid biofuels — Determination of the water soluble chloride, sodium and potassium content
ISO/TS 16996:2015	Solid biofuels — Determination of elemental composition by X-ray fluorescence
ISO 17225-1:2021	Solid biofuels — Fuel specifications and classes — Part 1: General requirements
ISO 17225-2:2021	Solid biofuels — Fuel specifications and classes — Part 2: Graded wood pellets
ISO 17225-3:2021	Solid biofuels — Fuel specifications and classes — Part 3: Graded wood briquettes
ISO 17225-4:2021	Solid biofuels — Fuel specifications and classes — Part 4: Graded wood chips
ISO 17225-5:2021	Solid biofuels — Fuel specifications and classes — Part 5: Graded firewood
ISO 17225-6:2021	Solid biofuels — Fuel specifications and classes — Part 6: Graded non-woody pellets
ISO 17225-7:2021	Solid biofuels — Fuel specifications and classes — Part 7: Graded non-woody briquettes
ISO 17225-8:2023	Solid biofuels — Fuel specifications and classes — Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use
ISO 17225-9:2021	Solid biofuels — Fuel specifications and classes — Part 9: Graded hog fuel and wood chips for industrial use
ISO 17827-1:2024	Solid biofuels — Determination of particle size distribution for uncompressed fuels — Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above
ISO 17827-2:2024	Solid biofuels — Determination of particle size distribution for uncompressed fuels — Part 2: Vibrating screen method using sieves with apertures of 3,15 mm and below
ISO 17828:2015	Solid biofuels — Determination of bulk density
ISO 17829:2015	Solid Biofuels — Determination of length and diameter of pellets
ISO 17830:2024	Solid biofuels — Particle size distribution of disintegrated pellets
ISO 17831-1:2015	Solid biofuels — Determination of mechanical durability of pellets and briquettes — Part 1: Pellets
ISO 17831-2:2015	Solid biofuels — Determination of mechanical durability of pellets and briquettes — Part 2: Briquettes
ISO 18122:2022	Solid biofuels — Determination of ash content
ISO 18123:2023	Solid biofuels — Determination of volatile matter
ISO 18125:2017	Solid biofuels — Determination of calorific value
ISO 18134-1:2022	Solid biofuels — Determination of moisture content — Part 1: Reference method
ISO 18134-2:2024	Solid biofuels — Determination of moisture content — Part 2: Simplified method
ISO 18134-3:2023	Solid biofuels — Determination of moisture content — Part 3: Moisture in general analysis sample
ISO 18135:2017	Solid Biofuels — Sampling

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ISO 18847:2024	Solid biofuels — Determination of particle density of pellets and briquettes
ISO 19743:2017	Solid biofuels — Determination of content of heavy extraneous materials larger than 3,15 mm
ISO 20023:2018	Solid biofuels — Safety of solid biofuel pellets — Safe handling and storage of wood pellets in residential and other small-scale applications
ISO 20024:2020	Solid biofuels — Safe handling and storage of solid biofuel pellets in commercial and industrial applications
ISO/TS 20048-1:2020	Solid biofuels — Determination of off-gassing and oxygen depletion characteristics — Part 1: Laboratory method for the determination of off-gassing and oxygen depletion using closed containers
ISO 20048-2:2023	Solid biofuels — Determination of off-gassing and oxygen depletion characteristics — Part 2: Operational method for screening of carbon monoxide off-gassing
ISO 20049-1:2020	Solid biofuels — Determination of self-heating of pelletized biofuels — Part 1: Isothermal calorimetry
ISO/TS 20049-2:2020	Solid biofuels — Determination of self-heating of pelletized biofuels — Part 2: Basket heating tests
ISO 21404:2020	Solid biofuels — Determination of ash melting behaviour
ISO/TS 21596:2021	Solid biofuels — Determination of grindability — Hardgrove type method for thermally treated biomass fuels
ISO 21945:2020	Solid biofuels — Simplified sampling method for small scale applications
ISO 23343-1:2021	Solid biofuels — Determination of water sorption and its effect on durability of thermally treated biomass fuels — Part 1: Pellets
ISO/TR 23437:2020	Solid biofuels — Bridging behaviour of bulk biofuels

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ISO/TC 300, Solid recovered materials, including solid recovered fuels (16)

ISO 4349:2024	Solid recovered fuels — Determination of the recycling index for co-processing
ISO 21637:2020	Solid recovered fuels — Vocabulary
ISO 21640:2021	Solid recovered fuels — Specifications and classes
ISO 21644:2021	Solid recovered fuels — Methods for the determination of biomass content
ISO 21645:2021	Solid recovered fuels — Methods for sampling
ISO 21646:2022	Solid recovered fuels — Sample preparation
ISO 21654:2021	Solid recovered fuels — Determination of calorific value
ISO 21656:2021	Solid recovered fuels — Determination of ash content
ISO 21660-3:2021	Solid recovered fuels — Determination of moisture content using the oven dry method — Part 3: Moisture in general analysis sample
ISO 21663:2020	Solid recovered fuels — Methods for the determination of carbon (C), hydrogen (H), nitrogen (N) and sulphur (S) by the instrumental method
ISO 21911-1:2022	Solid recovered fuels — Determination of self-heating — Part 1: Isothermal calorimetry
ISO/TS 21911-2:2022	Solid recovered fuels — Determination of self-heating — Part 2: Basket heating tests
ISO 21912:2021	Solid recovered fuels — Safe handling and storage of solid recovered fuels
ISO/TR 21916:2021	Solid recovered fuels — Guidance for the specification of solid recovered fuels (SRF) for selected uses
ISO 22167:2021	Solid recovered fuels — Determination of content of volatile matter
ISO 22940:2021	Solid recovered fuels — Determination of elemental composition by X-ray fluorescence

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ISO/TC 335, Solid biofuels and Pyrogenic biocarbon (52)

EN ISO 14780:2017	Solid biofuels - Sample preparation (ISO 14780:2017)
EN ISO 14780:2017/A1:2019	Solid biofuels - Sample preparation - Amendment 1
CEN/TR 15149-3:2014	Solid biofuels - Determination of particle size distribution - Part 3: Rotary screen method
EN 15234-1:2012	Solid biofuels - Fuel quality assurance - Part 1: General requirements
EN 15234-2:2012	Solid biofuels - Fuel quality assurance - Part 2: Wood pellets for non-industrial use
EN 15234-3:2012	Solid biofuels - Fuel quality assurance - Part 3: Wood briquettes for non-industrial use
EN 15234-4:2012	Solid biofuels - Fuel quality assurance - Part 4: Wood chips for non-industrial use
EN 15234-5:2012	Solid biofuels - Fuel quality assurance - Part 5: Firewood for non-industrial use
EN 15234-6:2012	Solid biofuels - Fuel quality assurance - Part 6: Non-woody pellets for non-industrial use
CEN/TR 15569:2009	Solid biofuels - Fuel quality assurance - Part 1: General requirements
EN ISO 16559:2022	Solid biofuels - Vocabulary
EN ISO 16948:2015	Solid biofuels - Determination of total content of carbon, hydrogen and nitrogen
EN ISO 16967:2015	Solid biofuels - Determination of major elements - Al, Ca, Fe, Mg, P, K, Si, Na and Ti
EN ISO 16968:2015	Solid biofuels - Determination of minor elements
EN ISO 16993:2016	Solid biofuels - Conversion of analytical results from one basis to another
EN ISO 16994:2016	Solid biofuels - Determination of total content of sulfur and chlorine
EN ISO 16995:2015	Solid biofuels - Determination of the water soluble chloride, sodium and potassium content
EN ISO 17225-1:2021	Solid biofuels — Fuel specifications and classes — Part 1: General requirements
EN ISO 17225-2:2021	Solid biofuels — Fuel specifications and classes — Part 2: Graded wood pellets
EN ISO 17225-3:2021	Solid biofuels — Fuel specifications and classes — Part 3: Graded wood briquettes
EN ISO 17225-4:2021	Solid biofuels — Fuel specifications and classes — Part 4: Graded wood chips
EN ISO 17225-5:2021	Solid biofuels — Fuel specifications and classes — Part 5: Graded firewood
EN ISO 17225-6:2021	Solid biofuels — Fuel specifications and classes — Part 6: Graded non-woody pellets
EN ISO 17225-7:2021	Solid biofuels — Fuel specifications and classes — Part 7: Graded non-woody briquettes
EN ISO 17225-8:2023	Solid biofuels — Fuel specifications and classes — Part 8: Graded thermally treated and densified biomass fuels for commercial and industrial use
EN ISO 17225-9:2021	Solid biofuels — Fuel specifications and classes — Part 9: Graded hog fuel and wood chips for industrial use
EN ISO 17827-1:2024	Solid biofuels — Determination of particle size distribution for uncompressed fuels — Part 1: Oscillating screen method using sieves with apertures of 3,15 mm and above
EN ISO 17827-2:2024	Solid biofuels — Determination of particle size distribution for uncompressed fuels — Part 2: Vibrating screen method using sieves with apertures of 3,15 mm and below
EN ISO 17828:2015	Solid biofuels — Determination of bulk density
EN ISO 17829:2015	Solid Biofuels — Determination of length and diameter of pellets
EN ISO 17830:2024	Solid biofuels — Particle size distribution of disintegrated pellets
EN ISO 17831-1:2015	Solid biofuels — Determination of mechanical durability of pellets and briquettes — Part 1: Pellets
EN ISO 17831-2:2015	Solid biofuels — Determination of mechanical durability of pellets and briquettes — Part 2: Briquettes
EN ISO 18122:2022	Solid biofuels — Determination of ash content

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EN ISO 18123:2023	Solid biofuels — Determination of volatile matter
EN ISO 18125:2017	Solid biofuels — Determination of calorific value
EN ISO 18134-1:2022	Solid biofuels — Determination of moisture content — Part 1: Reference method
EN ISO 18134-2:2024	Solid biofuels — Determination of moisture content — Part 2: Simplified method
EN ISO 18134-3:2023	Solid biofuels — Determination of moisture content — Part 3: Moisture in general analysis sample
EN ISO 18135:2017	Solid Biofuels — Sampling
EN ISO 18847:2024	Solid biofuels — Determination of particle density of pellets and briquettes
EN ISO 19743:2017	Solid biofuels — Determination of content of heavy extraneous materials larger than 3,15 mm
EN ISO 20023:2018	Solid biofuels — Safety of solid biofuel pellets — Safe handling and storage of wood pellets in residential and other small-scale applications
EN ISO 20024:2020	Solid biofuels — Safe handling and storage of solid biofuel pellets in commercial and industrial applications
CEN ISO/TS 20048-1:2022	Solid biofuels - Determination of off-gassing and oxygen depletion characteristics - Part 1: Laboratory method for the determination of off-gassing and oxygen depletion using closed containers
EN ISO 20049-1:2020	Solid biofuels — Determination of self-heating of pelletized biofuels — Part 1: Isothermal calorimetry
CEN ISO/TS 20049-2:2022	Solid biofuels - Determination of self-heating of pelletized biofuels - Part 2: Basket heating tests
EN ISO 21404:2020	Solid biofuels — Determination of ash melting behaviour
CEN ISO/TS 21596:2021	Solid biofuels - Determination of grindability - Hardgrove type method for thermally treated biomass fuels
EN ISO 21945:2020	Solid biofuels — Simplified sampling method for small scale applications
EN ISO 23343-1:2021	Solid biofuels — Determination of water sorption and its effect on durability of thermally treated biomass fuels — Part 1: Pellets
EN ISO 5370:2023	Solid biofuels — Determination of fines content in pellets

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CEN/TC 343, Solid recovered materials, including solid recovered fuels (36)

EN 15408:2011	Solid recovered fuels - Methods for the determination of sulphur (S), chlorine (Cl), fluorine (F) and bromine (Br) content
EN 15410:2011	Solid recovered fuels - Methods for the determination of the content of major elements (Al, Ca, Fe, K, Mg, Na, P, Si, Ti)
EN 15411:2011	Solid recovered fuels - Methods for the determination of the content of trace elements (As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Tl, V and Zn)
EN 15415-1:2011	Solid recovered fuels - Determination of particle size distribution - Part 1: Screen method for small dimension particles
EN 15415-2:2012	Solid recovered fuels - Determination of particle size distribution - Part 2: Maximum projected length method (manual) for large dimension particles
EN 15415-3:2012	Solid recovered fuels - Determination of particle size distribution - Part 3: Method by image analysis for large dimension particles
EN 15590:2011	Solid recovered fuels - Determination of the current rate of aerobic microbial activity using the real dynamic respiration index
EN ISO 4349:2024	Solid recovered fuels — Determination of the recycling index for co-processing
EN ISO 21637:2020	Solid recovered fuels — Vocabulary
EN ISO 21640:2021	Solid recovered fuels — Specifications and classes
EN ISO 21644:2021	Solid recovered fuels — Methods for the determination of biomass content
EN ISO 21645:2021	Solid recovered fuels — Methods for sampling
EN ISO 21646:2022	Solid recovered fuels — Sample preparation
EN ISO 21654:2021	Solid recovered fuels — Determination of calorific value
EN ISO 21656:2021	Solid recovered fuels — Determination of ash content
EN ISO 21660-3:2021	Solid recovered fuels — Determination of moisture content using the oven dry method — Part 3: Moisture in general analysis sample
EN ISO 21660-3:2021	Solid recovered fuels — Determination of moisture content using the oven dry method — Part 3: Moisture in general analysis sample
EN ISO 21663:2020	Solid recovered fuels — Methods for the determination of carbon (C), hydrogen (H), nitrogen (N) and sulphur (S) by the instrumental method
EN ISO 21911-1:2022	Solid recovered fuels — Determination of self-heating — Part 1: Isothermal calorimetry
EN ISO 21912:2021	Solid recovered fuels — Safe handling and storage of solid recovered fuels
EN ISO 22167:2021	Solid recovered fuels — Determination of content of volatile matter
EN ISO 22940:2021	Solid recovered fuels — Determination of elemental composition by X-ray fluorescence
EN ISO 4349:2024	Solid recovered fuels - Determination of the Recycling Index for co-processing

Work programme (24)

ISO 16994	Solid biofuels — Determination of total content of sulfur and chlorine
ISO 17225-5	Solid biofuels — Fuel specifications and classes — Part 5: Graded firewood
ISO/TS 17595	Solid biofuels — Characterization of wood chip fuels — Essential information for producers, suppliers and users
ISO 17828	Solid biofuels — Determination of bulk density
ISO 17829	Solid Biofuels — Determination of length and diameter of pellets
ISO 17831-1	Solid biofuels — Determination of mechanical durability of pellets and briquettes — Part 1: Pellets
ISO 17831-2	Solid biofuels — Determination of mechanical durability of pellets and briquettes — Part 2: Briquettes
ISO/FDIS 3884	Solid recovered fuels — Methods for the determination of the content of elements (Al, Ca, Fe, K, Mg, Na, P, S, Si, Ti, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Tl, V, Zn)
ISO/DIS 18708	Solid recovered fuels — Determination of bulk density
ISO/DIS 21660-2	Solid recovered fuels — Determination of moisture content using the oven dry method — Part 2: Determination of total moisture by a simplified method
ISO/AWI 22075	Solid recovered fuels — Real-time determination of parameters by near-infrared spectroscopy
EN ISO 17828	Solid biofuels - Determination of bulk density
EN ISO 17831-1	Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 1: Pellets
EN ISO 17831-2	Solid biofuels - Determination of mechanical durability of pellets and briquettes - Part 2: Briquettes
EN ISO 16994	Solid biofuels — Determination of total content of sulfur and chlorine
EN ISO 17225-5	Solid biofuels — Fuel specifications and classes — Part 5: Graded firewood
EN ISO 17829	Solid Biofuels - Determination of length and diameter of pellets
EN ISO 19743	Solid biofuels - Determination of content of heavy extraneous materials larger than 3,15 mm
EN ISO 3884	Solid recovered fuels - Methods for the determination of the content of elements (Al, Ca, Fe, K, Mg, Na, P, S, Si, Ti, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Mn, Ni, Pb, Sb, Se, Sn, Tl, V, Zn)
EN ISO 18708	Solid recovered fuels - Determination of bulk density
EN ISO 21660-2	Solid recovered fuels - Determination of moisture content using the oven dry method - Part 2: Determination of total moisture by a simplified method
EN ISO 22075	Solid recovered fuels — Real-time determination of parameters by near-infrared spectroscopy