

SASO Standards Update

released June 25, 2021

Standard Number	Standard Name	Implementation
New Standards		
SASO 2958:2021	Artificial Snow Foam Spray	Optional
SASO 2959:2021	Aerosol interior polish	Optional
SASO 2960:2021	Standard for fuel additives containing magnesium sulfonate dissolved in oil used in boilers and gas turbines for power plants	Optional
SASO 2961:2021	Standard for Prepared Aromatic Heat Transfer Fluids for Solar Energy and Industrial Applications	Optional
SASO 2962:2021	Refrigerated Propane	Optional
SASO 2963:2021	Refrigerated Butane	Optional
SASO 2964:2021	Linear alkylbenzene	Optional
SASO 2965:2021	Non-Medical Masks	Mandatory from June 25, 2021

Updated Standard Number	Original Standard Number	Standard Name	Implementation
Adopted Standards			
SASO ISO 14064-1:2021	ISO 14064-1:2018	Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals	Optional
SASO ISO 14064-2:2021	ISO 14064-2:2019	Greenhouse gases — Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements	Optional
SASO ISO 14064-3:2021	ISO 14064-3:2019	Greenhouse gases — Part 3: Specification with guidance for the verification and validation of greenhouse gas statements	Optional
SASO ISO 27914-1:2021	ISO 27914:2017	Carbon dioxide capture, transportation and geological storage — Geological storage	Optional
SASO ISO 14644-2:2021	ISO 14644-2:2015	Cleanrooms and associated controlled environments — Part 2: Monitoring to provide evidence of cleanroom performance related to air cleanliness by particle concentration	Optional
SASO ISO 14644-3:2021	ISO 14644-3:2019	Cleanrooms and associated controlled environments — Part 3: Test methods	Optional
SASO ISO 16075-1:2021	ISO 16075-1:2020	Guidelines for treated wastewater use for irrigation projects — Part 1: The basis of a reuse project for irrigation	Optional
SASOISO 16075-2:2021	ISO 16075-2:2020	Guidelines for treated wastewater use for irrigation projects — Part 2: Development of the project	Optional

Updated Standard Number	Original Standard Number	Standard Name	Implementation
SASO ASTM D70:2021	ASTM D70-2018	Standard Test Method for Specific Gravity and Density of Semi-Solid Asphalt Binder (Pycnometer Method)	Optional
SASO ASTM D113:2017	ASTM D113-2017	Standard Test Method for Ductility of Asphalt Materials	Optional
SASO ASTM D140M:2021	ASTM D140M-2016	Standard Practice for Sampling Asphalt Materials	Optional
SASO ASTM D946M:2021	ASTM D946M:2020	Standard Specification for Penetration-Graded Asphalt Binder for Use in Pavement Construction	Optional
SASO ASTM D1754M:2021	ASTM D1754M:2020	Standard Test Method for Effects of Heat and Air on Asphaltic Materials (Thin-Film Oven Test)	Optional
SASO ASTM D2042:2021	ASTM D2042:2015	Standard Test Method for Solubility of Asphalt Materials in Trichloroethylene	Optional
SASO ASTM D2170M:2021	ASTM D2170M:2018	Standard Test Method for Solubility of Asphalt Materials in Trichloroethylene	Optional
SASO ASTM D2171M:2021	ASTM D2171M:2018	Standard Test Method for Viscosity of Asphalts by Vacuum Capillary Viscometer	Optional
SASO ASTM D2872:2021	ASTM D2872:2019	Standard Test Method for Effect of Heat and Air on a Moving Film of Asphalt (Rolling Thin-Film Oven Test)	Optional
SASO ASTM D4311M:2021	ASTM D4311M:2015	Standard Practice for Determining Asphalt Volume Correction to a Base Temperature	Optional
SASO ASTM D7553:2021	ASTM D7553 - 2015	Standard Test Method for Solubility of Asphalt Materials in N-Propyl Bromide	Optional
SASO ISO 27509:2021	ISO 27509:2020	Petroleum and natural gas industries — Compact flanged connections with IX seal ring	Optional
SASO ISO 13007-5:2021	ISO 13007-5:2015	Ceramic tiles — Grouts and adhesives — Part 5: Requirements, test methods, evaluation of conformity, classification and designation of liquid-applied waterproofing membranes for use beneath ceramic tiling bonded with adhesives	Optional
SASO ISO 17190-1:2021	ISO 17190-1:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 1: Test method for determination of pH	Optional
SASO ISO 17190-2:2021	ISO 17190-2:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 2: Test method for determination of the amount of residual acrylate monomers	Optional
SASO ISO 17190-3:2021	ISO 17190-3:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 3: Test method for determination of the particle size distribution by sieve fractionation	Optional
SASO ISO 17190-4:2021	ISO 17190-4:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 4: Test method for estimation of the moisture content as weight loss upon heating	Optional
SASO ISO 17190-5:2021	ISO 17190-5:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 5: Test method for determination of the free swell capacity in saline by gravimetric measurement	Optional

Updated Standard Number	Original Standard Number	Standard Name	Implementation
SASO ISO 17190-6:2021	ISO 17190-6:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 6: Test method for determination of the fluid retention capacity in saline solution by gravimetric measurement following centrifugation	Optional
SASO ISO 17190-8:2021	ISO 17190-8:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 8: Test method for determination of the permeability dependent absorption under pressure of saline solution by gravimetric measurement	Optional
SASO ISO 17190-9:2021	ISO 17190-9:2020	Urine-absorbing aids for incontinence — Polyacrylate superabsorbent powders — Part 9: Test method for gravimetric determination of flow rate and bulk density	Optional
SASO ASTM D1037:2021	ASTM D1037:2020	Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials	Optional
SASO ASTM D4176:2021	ASTM D4176:2020	Standard Test Method for Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures)	Optional
SASO ASTM D4052:2021	ASTM D4052 - 2018	Standard Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter	Optional
SASO EN 1186-1: 2021	EN 1186-1: 2002	Materials and articles in contact with foodstuffs. Plastics. Guide to the selection of conditions and test methods for overall migration	Optional
SASO ASTM D1185:2021	ASTM D1185:2017	Standard Test Methods for Pallets and Related Structures Employed in Materials Handling and Shipping	Optional
SASO EN 14233:2021	EN 14233:2002	Materials and articles in contact with foodstuffs. Plastics. Determination of temperature of plastics materials and articles at the plastics/food interface during microwave and conventional oven heating in order to select the appropriate temperature for migration testing	Optional
SASO ASTM D1187M:2021	ASTM D1187M - 2018	Standard Specification for Asphalt-Base Emulsions for Use as Protective Coatings for Metal	Optional
SASO ASTM D5806:2021	ASTM D5806 :2017	Standard Test Method for Disinfectant Quaternary Ammonium Salts by Potentiometric Titration	Optional
SASO ASTM D6373 :2021	ASTM D6373 :2021	Standard Specification for Performance-Graded Asphalt Binder	Optional

Adopted Standard Number	Original Standard Number	Standard Name	Implementation
Adopted Standards - IEC			
SASO IEC 62368-3:2021	IEC 62368-3:2017	Audio/video, information and communication technology equipment - Part 3: Safety aspects for DC power transfer through communication cables and ports	Mandatory within 6 Months from date of publication - which is November 25, 2021
SASO ISO IEC 7501-1:2021	ISO/IEC 7501- 1:2008	Identification cards — Machine readable travel documents — Part 1: Machine readable passport	Optional
SASO ISO IEC 7501-2:2021	ISO/IEC 7501- 2:1997	Identification cards — Machine readable travel documents — Part 2: Machine readable visa	Optional
SASO ISO IEC 7501-3:2021	ISO/IEC 7501- 3:2005	Identification cards — Machine readable travel documents — Part 3: Machine readable official travel documents	Optional
SASO ISO IEC 7811-1:2021	ISO/IEC 7811- 1:2018	Identification cards — Recording technique — Part 1: Embossing	Optional
SASO ISO IEC 7811-2:2021	ISO/IEC 7811- 2:2018	Identification cards — Recording technique — Part 2: Magnetic stripe — Low coercivity	Optional
SASO ISO IEC 7811-6:2021	ISO/IEC 7811- 6:2018	Identification cards — Recording technique — Part 6: Magnetic stripe: High coercivity	Optional
SASO ISO IEC 7811-7:2021	ISO/IEC 7811- 7:2018	Identification cards — Recording technique — Part 7: Magnetic stripe: High coercivity, high density	Optional
SASO ISO IEC 7816-1:2021	ISO/IEC 7816- 1:2011	Identification cards — Integrated circuit cards — Part 1: Cards with contacts — Physical characteristics	Optional
SASO ISO IEC 7816-2:2021	ISO/IEC 7816- 2:2007	Identification cards — Integrated circuit cards — Part 2: Cards with contacts — Dimensions and location of the contacts	Optional
SASO ISO IEC 7816-3:2021	ISO/IEC 7816- 3:2006	Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols	Optional
SASO ISO IEC 7816-4:2021	ISO/IEC 7816- 4:2020	Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange	Optional
SASO ISO IEC 7816-11:2021	ISO/IEC 7816- 11:2017	Identification cards — Integrated circuit cards — Part 11: Personal verification through biometric methods	Optional
SASO IEC 60669-2-5:2021	IEC 60669-2-5:2013	Switches for household and similar fixed electrical installations - Part 2-5: Particular requirements - Switches and related accessories for use in home and building electronic systems (HBES)	Mandatory within 6 Months from date of publication - which is November 25, 2021
SASO-IEC 60669-2-6:2021	IEC 60669-2-6:2012	Switches for household and similar fixed electrical installations. Particular requirements. Fireman's switches for exterior and interior signs and luminaires	Mandatory within 6 Months from date of publication - which is November 25, 2021

Withdrawn Standard Number	Standard Name	Replacement Standard	Implementation
Withdrawn Standards			
SASO GSO IEC-60950-1:2012	Information technology equipment - Safety - Part 1: General requirements	SASO IEC 62368-1:2020	Applied date is 01/07/2021
SASO IEC-60065 :2020	Audio, video and similar electronic apparatus - Safety requirements	Not Provided	Not Provided
SASO 1919:2007	Lead-acid starter batteries used for motor vehicles and internal combustion engines	Not Provided	Not Provided
SASO 1920:2007	Methods of test for lead-acid starter batteries used for motor vehicles and internal combustion engines	Not Provided	Not Provided

New Standard Number	Withdrawn or Original Standard	Standard Name	Implementation
Standards of Mechanical and Metal Products Sector – New and Updated			
SASO 2955:2021	SASO GSO 2112	Cars - Truck Front Fenders	Mandatory
SASO 2956:2021	SASO GSO 2113	Cars - Truck and Trailer Side Guards	Mandatory
SASO 2957:2021	SASO GSO 2114	Cars - Truck and Trailer Rear Fenders	Mandatory
SASO 2663:2021	SASO 2663:2018 - Need to be updated	Air conditioners – Minimum requirements for efficiency Energy consumption, labeling and testing of small capacity window and split type air conditioners	Mandatory

New Standard Number	Replaced Standard	Standard Name	Implementation
Standards of the Metrics and Weights Sector - Replaced			
SASO 2966:2021	SASO BS 959: 2021	Standard for internal micrometers	Optional

Updated Standard Number	Original Standard Number	Standard Name	Implementation
Standards of the Metrics and Weights Sector - Updated			
SASO ASTM E563:2021	ASTM E563:2016	Standard Practice for Preparation and Use of an Ice-Point Bath as a Reference Temperature	Optional
SASO ISO 6789-1:2021	ISO 6789-1:2017	Assembly tools for screws and nuts — Hand torque tools — Part 1: Requirements and methods for design conformance testing and quality conformance testing: minimum requirements for declaration of conformance	Optional
SASO ISO 6789-2:2021	ISO 6789-2:2017	Assembly tools for screws and nuts — Hand torque tools — Part 2: Requirements for calibration and determination of measurement uncertainty	Optional
SASO ISO 6145-1:2021	ISO 6145-1:2019	Gas analysis — Preparation of calibration gas mixtures using dynamic methods — Part 1: General aspects	Optional
SASO OIML D33:2021	OIML D33:2019	Newtonian viscosity standard for the calibration and verification of viscometers	Optional
SASO ISO 13385-2:2021	ISO 13385-2:2019	Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 2: Design and metrological characteristics of calliper depth gauges	Optional
SASO ISO 14978:2021	ISO 14978: 2018	Geometrical product specifications (GPS) — General concepts and requirements for GPS measuring equipment	Optional
SASO ISO 6507-2:2021	ISO 6507-2:2018	Metallic materials — Vickers hardness test — Part 2: Verification and calibration of testing machines	Optional
SASO ISO 6507-3:2021	ISO 6507-3:2018	Metallic materials — Vickers hardness test — Part 3: Calibration of reference blocks	Optional
SASO ISO/TR 3313:2021	ISO/TR 3313:2018	Measurement of fluid flow in closed conduits — Guidelines on the effects of flow pulsations on flow-measurement instruments	Optional
SASO ISO /TR 15377:2021	ISO /TR 15377:2018	Measurement of fluid flow by means of pressure-differential devices — Guidelines for the specification of orifice plates, nozzles and Venturi tubes beyond the scope of ISO 5167	Optional
SASO ISO 80000-2:2021	ISO 80000-2:2019	Quantities and units — Part 2: Mathematics	Optional
SASO ISO 80000-12:2021	ISO 80000-12:2019	Quantities and units — Part 12: Condensed matter physics	Optional
SASO ISO 9493: 2016	ISO 9493: 2010	Geometrical product specifications (GPS) — Dimensional measuring equipment: Dial test indicators (lever type) — Design and metrological characteristics	Optional
SASO ISO 13385-1:2020	ISO 13385-1:2019	Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 1: Design and metrological characteristics of callipers	Optional
SASO ISO 14511:2020	ISO 14511:2019	Measurement of fluid flow in closed conduits — Thermal mass flowmeters	Optional

New Standard Number	Standard Name	Implementation
Standards of the Construction Products and Building Materials Sector - New		
SASO 2967:2021	Solid aluminum panels for exterior cladding and interior finishes	Optional

New Standard Number	Standard Name	Implementation
Standards of Document Services Sector - New		
SASO 2968:2021	Working with young people	Optional
SASO 2969:2021	Youth Programs	Optional
SASO 2970:2021	Youth environments	Optional

Adopted Standard Number	Original Standard Number	Standard Name	Implementation
Standards of Document Services Sector - Adopted			
SASO ISO 39001:2021	ISO 39001:2012	Road traffic safety (RTS) management systems — Requirements with guidance for use	Optional
SASO ISO 39002:2021	ISO 39002:2020	Road traffic safety — Good practices for implementing commuting safety management	Optional
SASO ISO 30401:2021	ISO 30401:2018	Knowledge management systems — Requirements	Optional
SASO ISO/TR 37171:2021	ISO/TR 37171:2020	Report of pilot testing on the application of ISO smart community infrastructures standards	Optional
SASO ISO IEC TR 38502:2021	ISO/IEC TR 38502:2017	Information technology — Governance of IT — Framework and model	Optional
SASO ISO 19168-1:2021	ISO 19168-1:2020	Geographic information — Geospatial API for features — Part 1: Core	Optional
SASO ISO 21101:2021	ISO 21101:2014	Adventure tourism — Safety management systems — Requirements	Optional
SASO ISO /TS 13811:2021	ISO /TS 13811:2015	Tourism and related services — Guidelines on developing environmental specifications for accommodation establishments	Optional
SASO ISO 18091:2021	ISO 18091:2019	Quality management systems — Guidelines for the application of ISO 9001 in local government	Optional