

<b>DEVELOPED STANDARDS</b>
<p><b>NAMS 0006: 2018</b></p> <p>Marketing and commercial quality control of Dates</p>
<p><b>NAMS 0002:2018 (1<sup>ST</sup> Ed)</b></p> <p>Namibian Standard regarding the Marketing and Commercial Quality Control of Table Grapes Cultivars (<i>Vitis Vinifera L</i>) to be supplied to consumers in Namibia, excluding grapes for industrial processing</p>
<p><b>NAMS 0001:2016 (1<sup>ST</sup> Ed)</b> Requirements for Dry Sanitation Technologies in Namibia</p>

<b>ADOPTED STANDARDS</b>
<p><b>NAMS/ISO 22000:2018</b></p> <p>Food Safety Management Systems- Requirements for any organization in the food chain</p>
<p><b>NAMS/ISO 14001:2015</b></p> <p>Environmental Management Systems- Requirements with guidance for use</p>
<p><b>NAMS/ISO 9001:2015</b></p> <p>Quality Management Systems- Requirements</p>
<p><b>NAMS/ISO 9000:2015</b></p> <p>Quality Management Systems – Fundamentals and Vocabulary</p>
<p><b>NAMS/ISO 9004:2018</b></p> <p>Managing for the sustained success of an organization – A quality management approach</p>
<p><b>NAMS/ISO 19011:2018</b></p> <p>Guidelines for auditing management systems</p>

<p><b>NAMS/ IEC/TS 62257-1:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 1: General introduction to rural electrification</p>
<p><b>NAMS/ IEC/TS 62257-5:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 5: Protection against electrical hazards.</p>
<p><b>NAMS/ IEC/TS 62257-6:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 6: Acceptance, operation, maintenance and replacement</p>
<p><b>NAMS/ IEC/TS 62257-7-1:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification-  Part 7-1: Generators – Photovoltaic arrays.</p>
<p><b>NAMS/IEC/TS 62257-8-1:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 8-1: Selection of batteries and battery management systems for stand-alone  electrification systems-Specific case of automotive flooded lead-acid batteries available in  developing countries.</p>
<p><b>NAMS/ IEC/TS 62257-9-1:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 9-1: Micropower systems.</p>
<p><b>NAMS/ IEC/TS 62257-9-2:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 9-2: Microgrids.</p>
<p><b>NAMS/ IEC/TS 62257-9-3:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 9-3: Integrated system-user interface.</p>
<p><b>NAMS/ IEC/TS 62257-9-4:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 9-4: Integrated system- user installation</p>
<p><b>NAMS/IEC/TS 62257-9-5:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 9-5: Integrated system- Selection of portable PV lanterns for rural electrification  projects.</p>
<p><b>NAMS/ IEC/TS 62257-9-6:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 9-6: Integrated system- Selection of Photovoltaic Individual Electrification Systems- (PV-  IES).</p>
<p><b>NAMS/IEC/TS 62257-12-1:2013</b>  Recommendations for small renewable energy and hybrid systems for rural electrification  Part 12-1: Selection of self-ballasted lamps (CFL) for rural electrification systems and  recommendations for household lighting equipment</p>

**NAMS/SANS 1307-4:2013**

Domestic solar water heaters.

**NAMS/SANS 10106-3:2016**

The installation, maintenance, repair and replacement of domestic solar water heating systems.

**NAMS/NRS 052-1:2013**

Photovoltaic systems for use in individual homes. Part-1 Standards requirements applicable to individual homes remote from electricity grid.

**NAMS/ISO 50001:2013**

Energy Management Systems- Requirements with guidance for use

**NAMS/ISO 22002-1:2013**

Prerequisite programmes on food safety–Food Manufacturing

**NAMS /ISO 22005:2013**

Traceability in the feed and food chain – general principal and basic requirements for systems and implementation

**NAMS/SADCSTAN/SANS 10142-1:2013**

The wiring of premises Part 1: Low Voltage installations

**NAMS/BS OHSAS 18001:2013**

Occupational Health and Safety Management Systems – Requirements

**NAMS/OIML R-76:2013**

Non-Automatic weighing instruments; Part 1 – Metrological and Technical Requirements - Tests

**NAMS/EN 197-1:2014**

Composition, specifications and conformity criteria for common cements

**NAMS/EN 197-2:2014**

Conformity evaluation

**NAMS/OIML R126:2015**

Evidential Breath Analyzer

**NAMS/ISO 10001:2015**

Quality management – Customer satisfaction – Guidelines for codes of conduct for organizations

**NAMS/ISO 10002:2015**

Quality management – Customer satisfaction – Guidelines for complaints handling in organizations.
<b>NAMS/ISO 10003:2015</b> Quality management – Customer satisfaction – Guidelines for dispute resolution external to organizations
<b>NAMS/ISO 10004:2015</b> Quality management – Customer satisfaction – Guidelines for monitoring and measuring
<b>NAMS/ISO 10005:2015</b> Quality management systems – Guidelines for quality plans
<b>NAMS/ISO 10006:2015</b> Quality management systems – Guidelines for quality management in projects
<b>NAMS/ISO/TR 10013:2015</b> Guidelines for quality management systems documentation
<b>NAMS/ISO 10014:2015</b> Quality management – Guidelines for realizing financial and economic benefits
<b>NAMS/ISO 10018:2015</b> Quality management – Guidelines on people involvement and competence
<b>NAMS/ISO/TS 22002-4:2015</b> Prerequisite programmes on food safety- Part 4: Food Packaging manufacturing
<b>NAMS/IEC 60055-1:2015</b> Paper-insulated metal-sheathed cables for rated voltages up to 18/30 kV (with copper or aluminium conductors and excluding gas-pressure and oil-filled cables) - Part 1: Tests on cables and their accessories
<b>NAMS/IEC 60060-1:2015</b> High-voltage test techniques - Part 1: General definitions and test requirements
<b>NAMS/IEC 62271-100:2015</b> High-voltage switchgear and controlgear – Part 100: - Alternating –current circuit-breakers

<p><b>NAMS/IEC 62271-108:2015</b></p> <p>High-voltage switchgear and controlgear – Part 108: - High-voltage alternating current disconnecting circuit-breakers for rated voltages of 72,5 kV and above</p>
<p><b>NAMS/IEC 62271-200:2015</b></p> <p>High-voltage switchgear and controlgear – Part - 200: A.C. metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV</p>
<p><b>NAMS/IEC 62271-203:2015</b></p> <p>High-voltage switchgear and controlgear – Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV</p>
<p><b>NAMS/IEC 61089-1:2015</b></p> <p>Amendment 1 - Round wire concentric lay overhead electrical stranded conductors</p>
<p><b>NAMS/IEC 60502-4:2015</b></p> <p>Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV</p> <p>(Um = 36 kV)</p>
<p><b>NAMS/IEC 60871-1:2015</b></p> <p>Shunt capacitors for a.c. power systems having rated voltage above 1000 V - Part 1: General</p>
<p><b>NAMS/IEC 62052-11:2015</b></p> <p>Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment</p>
<p><b>NAMS/IEC 62054-21:2015</b></p> <p>Electricity metering equipment (a.c.) - Tariff and load control – Part 21: Particular requirements for time switches</p>
<p><b>NAMS/IEC 60099-4:2015</b></p> <p>Surge arresters - Part 4: Metal-oxide surge arresters without gaps for a.c. syst16ems</p>
<p><b>NAMS/IEC 61243-1:2015</b></p> <p>Amendment 1 - Live working - Voltage detectors- Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.</p>
<p><b>NAMS/IEC 61243-2:2015</b></p> <p>Amendment 2 Live working - Voltage detectors - Part 2: Resistive type to be used for voltages of 1 kV to 36 kV a.c.</p>
<p><b>NAMS/IEC 60364-5-53:2015</b></p> <p>Electrical installations of buildings - Part 5-53: Selection and erection of electrical equipment - Isolation, switching and control</p>

<p><b>NAMS/IEC 61109:2015</b></p> <p>Insulators for overhead lines – Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria</p>
<p><b>NAMS/IEC 62501:2015</b></p> <p>Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing</p>
<p><b>NAMS/IEC 60826:2015</b></p> <p>Design criteria of overhead transmission lines</p>
<p><b>NAMS/IEC 60598-2-3:2015</b></p> <p>Amendment 1 - Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting</p>
<p><b>NAMS/IEC 60909-3:2015</b></p> <p>Short-circuit currents in three-phase AC systems -Part 3: Currents during two separate simultaneous line-to-earth short circuits and partial short-circuit currents flowing through earth</p>
<p><b>NAMS/IEC 60255-1:2015</b></p> <p>Measuring relays and protection equipment – Part 1: Common requirements</p>
<p><b>NAMS/IEC 60214-1:2015</b></p> <p>Tap-changers – Part 1: Performance requirements and test methods</p>
<p><b>NAMS/IEC 60214-2:2015</b></p> <p>Tap-changers - Part 2: Application guide</p>
<p><b>NAMS/IEC 60076-6:2015</b></p> <p>Power transformers –Part 6: Reactors</p>
<p><b>NAMS/ISO 8589:2015</b></p> <p>Sensory analysis – General guidance for the design of test rooms</p>
<p><b>NAMS/ISO 8586:2015</b></p> <p>Sensory analysis – General guidance for the selection, training and monitoring of selected assessors and expert sensory assessors</p>
<p><b>NAMS/ISO 22004:2015</b></p> <p>Food Safety management systems – Guidance on the application of ISO 22000</p>
<p><b>NAMS/ISO 11133:2015</b></p> <p>Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media.</p>

<p><b>NAMS/IEC 60034-1:2016</b></p> <p>Rotating electrical machines</p>
<p><b>NAMS/IEC 60059:2016</b></p> <p>IEC standards current ratings</p>
<p><b>NAMS/IEC 60137:2016</b></p> <p>Insulated bushings for alternating voltages above 1000 V</p>
<p><b>NAMS/IEC 60364-5-53:2016</b></p> <p>Electric installations of buildings – Part 5-53: Selection and erection of electrical equipment – Isolation, switching and control.</p>
<p><b>NAMS/IEC 60433:2016</b></p> <p>Insulators for overhead lines with a nominal voltage above 1000V – Ceramic insulator for a.c. systems – Characteristics of insulator units of the long rod type</p>
<p><b>NAMS/IEC 60445:2016</b></p> <p>Basic and safety principles for man-machine interface, marking and identification – identification of equipment terminals, conductor terminals and conductors</p>
<p><b>NAMS/IEC 60529:2016</b></p> <p>Degrees of protection provided by enclosures (IP Code)</p>
<p><b>NAMS/IEC 60670-1:2016</b></p> <p>Boxes and enclosures for electrical accessories for household and similar fixed electrical installation – Part 1: General requirements.</p>
<p><b>NAMS/IEC 60794-1-2:2016</b></p> <p>Optical fibre cables - Part 1 -2: Generic specification – Cross reference table for optical cable test procedures</p>
<p><b>NAMS/IEC 61347-2-8:2016</b></p> <p>Lamp controlgear –Part 2-8: Particular requirements for ballasts for fluorescent lamps</p>
<p><b>NAMS/IEC 61439-1:2016</b></p> <p>Low-voltage switchgear and controlgear assemblies- - Part 1 :General rules</p>
<p><b>NAMS/IEC 61508-1:2016</b></p> <p>Functional safety of electrical/electronic/programmable electronic safety-related systems – Part 1 General requirement</p>
<p><b>NAMS/IEC 62259:2016</b></p> <p>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Nickel – cadmium prismatic secondary single cells with partial gas Recombination.</p>

<b>NAMS/IEC 62270:2016</b>
Guide for compute-based control for hydro-electric power plant automation
<b>NAMS/IEC 62209-2:2016</b>
Human exposure to radio frequency fields from hand-held and body- mounted wireless communication devices – Human models, instrumentation, and procedures – Part 2: Procedures to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)
<b>NAMS/IEC 60076-1:2016</b>
Power transformers – Part 1: General
<b>NAMS/IEC 60076-4:2016</b>
Power transformers – Part 4: Guide to the lightning impulse and switching impulse testing – Power transformers and reactors.
<b>NAMS/IEC 60076-5:2016</b>
Power transformers – Part 5: Ability to withstand short circuit
<b>NAMS/ISO 9806:2016</b>
Solar Energy – Solar thermal collectors- Test methods
<b>NAMS/ISO 9488:2016</b>
Solar Energy – Vocabulary
<b>NAMS/ISO 9553:2016</b>
Solar Energy – Methods of testing preformed rubber seals and sealing compounds used in collectors.
<b>NAMS/IEC 60076-2:2016</b>
Power Transformer – Part 2: Temperature rise for liquid – immersed transformer
<b>NAMS/IEC 60076-3:2016</b>
Power Transformer – Part 3: Insulation levels, dielectric test and external clearances in air
<b>NAMS/IEC 60076-7:2016</b>
Power Transformer – Part 7: Loading guide for oil immersed power transformers
<b>NAMS/IEC 60076-8:2016</b>
Power Transformer – Part 8: Application guide
<b>NAMS/IEC 60076-10:2016</b>
Power Transformer – Part 10: Determination of sound levels
<b>NAMS/SANS 10047:2018</b>
The testing of motor vehicles for roadworthiness



<b>NAMS/SANS 10216:2018</b>
Evaluation of Vehicle Test Stations
<b>NAMS/SANS 10378:2018</b>
Requirements for the competence of verification laboratories
<b>NAMS/SANS 1795-0:2018</b>
Road Traffic Law Enforcement Part 0: General Requirements
<b>NAMS/SANS 1795-1:2018</b>
Road Traffic Law Enforcement Part 1: Laser Speed measuring Equipment
<b>NAMS/SANS 1795-2:2018</b>
Road Traffic Law Enforcement Part 2: Radar speed measuring equipment
<b>NAMS/SANS 1795-3:2018</b>
Road Traffic Law Enforcement Part 3: Distance over time speed measuring equipment (fixed distance/variable time)
<b>NAMS/SANS 1795-4:2018</b>
Road Traffic Law Enforcement Part 4: Distance over time speed measuring equipment (fixed distance/variable time) used in observer vehicles
<b>NAMS/SANS 1795-5:2018</b>
Road Traffic Law Enforcement Part 5: Data capturing and recording devices for road traffic law enforcement
<b>NAMS/ISO 80000-1:2018</b>
Quantities and Units Part 1: General
<b>NAMS/IEC 60891 ed 2.0: 2018</b>
Procedures for temperature and irradiance corrections to measured I-V characteristics
<b>NAMS/IEC 61116 ed 1:2018</b>
Electromechanical equipment guide for small hydro-electric installations
<b>NAMS/IEC 61215-1:2018</b>
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1: Test methods
<b>NAMS/IEC 61215-1-1:2018</b>
Terrestrial photovoltaic (PV) modules – design qualification and type approval – part 1-3: special requirements for testing of crystalline silicon based photovoltaic modules
<b>NAMS/IEC 61215-1-2:2018</b>
Terrestrial photovoltaic modules – design qualification and type approval – Part 1-3: Special requirements for testing thin film cadmium telluride (CdTe) based photovoltaic modules

<b>NAMS/IEC 61215-1-3:2018</b>
Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-3: special requirements for testing thin film amorphous silicon based photovoltaic (PV) modules
<b>NAMS/IEC 61215-1-4:2018</b>
Terrestrial photovoltaic (PV) modules – part 1-4: special requirements for testing thin film Cu (In, Ga) (S, Se) <sub>2</sub> based photovoltaic (PV) modules
<b>NAMS/IEC 61215-2:2018</b>
Terrestrial photovoltaic (PV) modules – design qualification and type approval – Part 2: test procedures
<b>NAMS/IEC 61400-2:</b>
Wind turbines Part 2: small wind turbines
<b>NAMS/IEC 61400:22</b>
Wind turbines Part 22: conformity testing and certification
<b>NAMS/IEC 61427-1:2018</b>
Secondary Cells and batteries for renewable energy storage – general requirements and methods of test – part 1: photovoltaic off grid application
<b>NAMS/IEC 61724-1:2018</b>
Photovoltaic (PV) System performance – part 1: monitoring
<b>NAMS/IEC 61724-2:2018</b>
Photovoltaic (PV) System performance – part 2: Capacity Evaluation method
<b>NAMS/IEC 61724-3:2018</b>
Photovoltaic (PV) System performance – part 3: Energy Evaluation method
<b>NAMS/IEC 61727:2018</b>
Photovoltaic (PV) Systems characteristics of the utility interface
<b>NAMS/IEC 61829:2018</b>
Photovoltaic (PV) Array onsite measurement of current
<b>NAMS/IEC 61850-7-410:2018</b>
Communication networks and Systems for Power Utility automation – part 7- 410: Basic communication structure – hydroelectric power plants – communication for monitoring and control
<b>NAMS/IEC 62108:2018</b>
Concentrator photovoltaic modules and assemblies – design qualification and type approval
<b>NAMS/SANS 585: 2019</b>

The production of frozen fish, marine molluscs, and products derived

**NAMS/SANS 587: 2019**

Canned fish, canned marine molluscs and canned crustaceans, and products derived therefrom

**NAMS/ISO 45001: 2018**

Occupational health and safety management systems - Requirements with guidance for use

**NAMS/SANS 1051-1:2019**

Braking Part 1: General

**NAMS/SANS 1447-1:2019**

Braking (Motor & Towed vehicles, designed for low speed or for use off public roads) Part 1: Low speed vehicles

**NAMS/SANS 10181:2019**

The measurement of noise emitted by road vehicles when stationary

**NAMS/SANS 1080:2019** Restraining devices (safety belts) for occupants of adult build in motor vehicles (Revised requirements)

**NAMS/SANS 1329-4:2019**

Retro-reflective and fluorescent warning signs for road vehicles

Part 4: Retro-reflective chevron signs and decals

**NAMS/SANS 10232-1:2019** Transport of dangerous goods - Emergency information systems

Part 1: Emergency information system for road transport

**NAMS/SANS 10232-3:2019** Transport of dangerous goods - Emergency information systems

Part 3: Emergency response guides

**NAMS/SANS 513:2019**

Retro-reflectors (reflex reflectors)

**NAMS/EN 81-3:2000:2019** Safety rules for the construction and installation of lifts - Part 3: Electric and hydraulic service lifts

**NAMS/EN 81-80:2019** Safety rules for the construction and installation of lifts - Existing lifts- Part 80: Rules for the improvement of safety of existing passenger and goods passenger lifts

**NAMS/EN 81-21:2019** Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 21: New passenger and goods passenger lifts in existing building

**NAMS/EN 81-20:2019** Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 20: Passenger and goods passenger lifts

**REVISED STANDARDS**

**WITHDRAWN STANDARDS**

**NAMS 002:2016** General requirements for the competence to offer verification services

**NAMS 003:2016** Road Traffic Law Enforcement

**NAMS 004:2016** Control of the quantity of contents in prepacked within the prescriptions of legal metrology legislation Part 1: e-marking Scheme

**ISO 22000:2005** Food safety management systems- Requirements for any organization in the food chain