

SADCAS NEWSLETTER MARCH 2022 EDITION | ISSUE 41

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NOTE FROM THE EDITORS

We are pleased to present Issue 41 of the SADCAS Newsletter (March 2022 Edition) to keep our readers updated on accreditation activities in the region and beyond. Inside, you will find news on accreditation activities undertaken by SADCAS.



Mr Xavier Mugari



Mrs Laureen Gudo

As the race between COVID -19 variants and vaccine rages on and nations cautiously work to adapt to a more functional way of life, COVID - 19 testing remains a necessity. Specifying accreditation of testing laboratories as one of the requirements will help ensure competence and the reliability of results. SADCAS has accredited two (2) more COVID-19 testing laboratories bringing the number of COVID-19 testing accreditations to three (3).

In order to achieve its mandate and in line with international best practice, accreditation assessments are undertaken, on behalf of SADCAS, by a pool of registered Assessors and Technical Experts who make recommendations for accreditation decision by the SADCAS Accreditation Approvals Committee (AAC).

In response to the growing relevance of accreditation in SADC member states and beyond, SADCAS continues to invite experts with specific technical expertise to register as SADCAS Technical Assessors and Technical Experts for various prioritized scopes.

INVITATION TO REGISTER TECHNICAL EXPERTS - PRIORITIZED SCOPES

SADCAS invites experts with specific technical expertise in the newly introduced Medical Imaging Accreditation Scheme (MIAS) and any of the accreditation schemes currently offered by SADCAS to register as Technical Experts. A Technical Expert is a person assigned by SADCAS to an assessment team to provide specific knowledge or expertise within the scope of assessment. A Technical Expert works under the supervision of an experienced Team Leader or Technical Assessor.

Technical Experts with experience in the following:

- General Radiography
- Computerised Tomography (CT)
- Magnetic Resonance Imaging (MRI)
- Ultrasound (US)
- Interventional Radiography (IR)
- Nuclear Medicine and Molecular Imaging (NM)

Mammography



Testing Laboratory Accreditation Scheme (TLAS)

Forensic analysis DNA Testing Civil Engineering Mechanical Engineering Electrical Engineering Radiation Dosimetry Non-destructive Testing Textile Testing



Medical Laboratories accreditation Scheme (MLAS)

Histopathology Cytology Parasitology Endocrinology Immunophenotyping Blood Banking



Veterinary Laboratory Accreditation Scheme (VLAS)

Mycology
Parasitology
Helminthology
Protozoology
Histology
Cytology
Toxicology
Pathology



Pharmaceutical Laboratory Accreditation Scheme (Under TLAS)

Microbiology Chemical Toxicity Medical Devices Testing



Calibration Laboratory Accreditation Scheme (CLAS)

Viscosity
Electrical – DC low frequency
Electrical RF
Fibre Optics
Force/ Hardness/ Torque
Flow
Humidity
Radio Activity
Photometry
Radio frequency
Time and frequency
Wind speed
Acoustics and Vibration

Radiation Dosimetry Metrology



Legal Metrology Accreditation Scheme (LMAS)

Verification
Repair and Maintenance
Inspection of Products for Sale
Quantity Control
Type Testing
OIML Certification Scheme
Certification of Verifiers
Certification of Repairers

SADCAS ACCREDITS MORE COVID-19 TESTING LABORATORIES

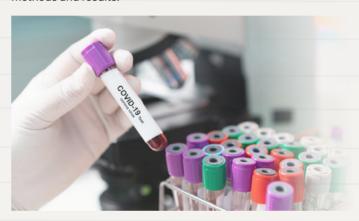
Following the accreditation of the first Covid-19 Testing Laboratory in December 2021, SADCAS is proud to announce the accreditation of two (2) more laboratories for SARS- CoV-2/ COVID-19 testing under Molecular Biology, bringing number of COVID-19 testing accreditations to three (3).

Churches Health Association of Zambia (CHAZ) situated at Plot No.2882/B/5/10, Mission Drive, Waterfalls, Lusaka, Zambia was assessed for Molecular Biology testing during an initial assessment held on 28-29 September 2021. Amongst the Molecular Biology tests was Nasopharyngeal SARS-CoV-2/ COVID-19 testing using ABI 7500. The decision to accredit was made by the SADCAS Accreditation Approvals Committee on 11 March 2022 based on the assessment team's recommendation. CHAZ was granted the unique accreditation number **MED 091.**

Hot on their trail was the Botswana Harvard HIV Reference Laboratory (BHHRL) located at Plot 1836 Northring Road, Gaborone, Botswana. The assessment for scope extension was conducted during the 2nd periodic assessment on 18 November 2021. On 24 March 2022, the Accreditation

Approvals Committee made a decision for continued accreditation of BHHRL accreditation number **MED 031** and extension of the Molecular Biology scope to include Osopharyngeal and Nasopharyngeal SARS-CoV-2/COVID-19 testing using Abbott SARS-CoV-2 and DAAN Gene Assay was granted.

SADCAS continues to receive expressed interest of accreditation to COVID-19 testing indicating medical laboratories appreciation of the need to demonstrate competence and get international recognition for their test methods and results.



SADCAS HOLDS 17TH ANNUAL GENERAL MEETING

The 17th SADCAS Annual General Meeting (AGM) was held virtually on 16 March 2022. The AGM was attended by 45 guests, 31 General Assembly members, 14 observers & SADCAS management.

In his report to the AGM, the Chairman of the Board Mr Steven Bruce Sidney reviewed the progress that had been made since the last AGM highlighting that through the use of remote assessment technique and online training, SADCAS' business continued to grow in terms of field and scope of the accreditation. This resulted in an increase in operational income whilst dependency on Member States funding continued to reduce.

The General Assembly deliberated on other AGM business including:

- Adoption of the 13th SADCAS annual report including the audited financial statements for the year ended 31 March 2021;
- Ratification of the 2022/23 budget;
- Confirmation of Baker Tilly as the External Financial Auditors for the year ended 31 March 2022;
- Appointment of UPT Secretarial Services as the Company Secretary for the year beginning 1 April 2022 to 31 March 2023; and
- Election of Mr ULW Kauta as a Board member.

The 17th AGM was concluded with the presentation of the 2022 NAFP certificates of recognition for the Most Effective NAFP, awarded to NAFP - Seychelles, and the Most Improved NAFP, awarded to NAFP - Botswana.

SADCAS ACCREDITS MORE MEDICAL LABORATORIES IN TANZANIA

SADCAS welcomes more Tanzanian Medical Laboratories to the family of accredited facilities.

Medical Laboratories play a frontline role in healthcare providing information for patient management, public health,

disease control and surveillance. Accreditation to ISO 15189 is a vital tool for medical laboratories to improve quality performance, efficiency and reliability.

SADCAS is delighted with this great achievement in the accreditation of more Medical Laboratories in Tanzania.

Organisation	Location	Accreditation Date	Scope/s
Maweni Regional Referral Hospital Laboratory	Tanzania, Kigoma	2021-11-23	MED 081 -Mycobacteriology -Parasitology
Shinyanga Regional Referral Hospital Laboratory	Tanzania, Shinyanga	2022-02-19	MED 083 -Mycobacteriology -Blood Bank -Parasitology -Serology
Mawenzi Regional Referral Hospital Laboratory	Tanzania, Kilimanjaro	2022-02-19	MED 084 -Mycobacteriology -Blood Bank -Parasitology -Serology
Namanyere Designated District Hospital Laboratory	Tanzania, Nkasi - Rukwa	2022-02-20	MED 085 -Mycobacteriology -Blood Bank -Parasitology -Serology
Mnazi Mmoja Hospital Laboratory – Dar es Salaam	Tanzania, Dar es Salaam	2022-03-06	MED 087 -Mycobacteriology -Blood Bank -Parasitology -Serology
Ocean Road Cancer Institute	Tanzania, Dar es Salaam	2022-03-08	MED 088 -Blood Bank -Parasitology -Serology
Rubya District Hospital Designated Hospital Laboratory	Tanzania, Bukoba	2022-03-08	MED 089 -Mycobacteriology -Blood Bank -Parasitology -Serology
Musoma Regional Referral Hospital Laboratory	Tanzania, Musoma	2022-03-08	MED 090 -Mycobacteriology -Parasitology -Serology

Bukoba Regional Referral Hospital Laboratory	Tanzania, Bukoba	2022-03-11	MED 092 -Mycobacteriology -Molecular Biology -Blood Bank -Parasitology -Serology	
St Walburg's Referral Hospital Laboratory	Tanzania, Lindi Region	2022-03-16	MED 095 -Blood Bank -Mycobacteriology -Parasitology -Serology	
Tarime District Hospital Laboratory	Tanzania, Dar Es Salaam	2022-03-21	MED 097 -Mycobacteriology -Parasitology -Serology	
Tumbi Regional Referral Hospital Laboratory	Tanzania, Kibaha Pwani	2022-03-18	MED 098 -Mycobacteriology -Molecular Biology -Blood Bank -Parasitology -Serology	

BOTSWANA BUREAU OF STANDARDS COMPULSORY STANDARDS UNIT GRANTED SADCAS ACCREDITATION

The Botswana Bureau of Standards (BOBS) Compulsory Standards Unit (CSU) located at Plot No. 55745, Block 8, Main Airport Road, Gaborone, Botswana Bureau of Standards Headquarters in Gaborone has been accredited by SADCAS as an Inspection Body in accordance with ISO/IEC 17020:2012 - Conformity Assessment – Requirements for the operation of various types of bodies performing inspections.

The BOBS CSU is accredited as a Type A Inspection Body and has been issued with the following seven (7) unique accreditation numbers for inspection of the following:

- Food Products (INSP-1002)
- Electrical Products (INSP-7 001)
- Building Products (INSP-11 001)
- Mechanical Products (INSP-10 001)
- Automotive Products (INSP-13 001)
- Chemical Products (INS-12 001)
- Agricultural Products (INSP-15 001)

The certificates, all of which were issued on 3 September 2021, are valid for 5 years and will expire on 2 September 2026. The accreditation certificate handover ceremony was held on 9 December 2021 at the BOBS Headquarters in Gaborone, Botswana. The ceremony was attended by BOBS Management, Members of the Standards Council, BOBS Staff, representatives from the Ministry of Investment Trade and Industry, the press and other stakeholders.

In his opening remarks, Mr Kebapetse the BOBS Managing Director, expressed his pleasure in receiving the most important certificate of competence that they have worked so very hard for accreditation of the BOBS Compulsory Standards Unit to the international standard ISO/IEC 17020:2012. He informed the gathering of the Government of Botswana's plans to move Botswana from a middle to high income economy in line with the Botswana Government's recovery and transformation plan in pursuit of prosperity for all. The aim of the plan is to encourage restoration of economic activities that are meant to support economic growth. He further stated that pursuant to the transformation plan, the resultant success factors include SMME development, private sector development and export development. Part of the solutions to achieve these include the development of the Botswana National Quality Policy followed by the National Quality Infrastructure to create the muchneeded international consumer confidence and assuring that services are offered by conformity assessment bodies that have been accredited.

General and Leading Stories



Mr Kepabetse giving welcome remarks



Mrs Mutasa giving her remarks

Mr Kebapetse stated that they all appreciate that accreditation cuts across all the national quality infrastructure hence affirms competence in all the structures as well as serving as a pillar for international recognition of competence which will in turn facilitate international trade. He ended by congratulating and thanking the BOBS CSU team for a job well done, the SADC Secretariat through SADC TrF for the financial support and the support from MITI Project Management Unit.

In his remarks, Mr Fudzai Pamacheche from the SADC Secretariat expressed his delight in witnessing this critical achievement by Botswana supported by the SADC Trade related Facility (TrF). He then informed the gathering about the TrF which he said is funded under the 10th European Development Fund (EDF 10) to the tune of €81.6 million in support of SADC Member States. Botswana seized the funding opportunity to improve on its current exporting initiatives, to building capacity with respect to the TBT and to align with the EU standards and quality requirements in order to access the EU market with respect to exports, trade penetration and diversity. Mr Pamacheche stated that Botswana was granted a total of € 2.6 million to implement trade related interventions of its choice which included among others; development of competition policy, Sanitary and Phytosanitary measures, Technical Barriers to Trade, promotion of trade and development and enhancing Customs cooperation. Though the start of the BOBS CSU project was delayed due to the COVID-19 pandemic, Mr Pamacheche reported that BOBS was the only beneficiary that demonstrated commitment as shown by the achievement of set objectives. He stated that accreditation was one of the many areas that BOBS undertook as a project, stating that some activities included; updating the regulatory framework for TBT to align the Botswana regulatory framework to that of SADC as well as the WTO; establishing the Standards Inspectorate; Training of Inspectors; developing a management system and seeking accreditation with SADCAS. He noted that for the Botswana funding, BOBS is the only recipient that has implemented and achieved the outputs and it is gratifying that the BOBS achievement is aligned with the SADC TBT protocols that subsequently contribute positively to the RISPD. He further congratulated BOBS Management, CSU staff for the great achievement, under the watchful eye of SADCAS.

In her certificate handover speech, SADCAS CEO Mrs Maureen Mutasa who was accompanied by Mrs Pinkie Malebe, the SADCAS Technical Manager, started by congratulating Mr Kebapetse on his appointment as the new BOBS Managing Director. Mrs Mutasa informed the gathering that the BOBS CSU is the first Inspection Body in the 14 SADC Member States serviced by SADCAS to be accredited for Import Inspection. She proceeded to list the scopes for which the BOBS CSU has been accredited indicating that it is the biggest scope to have been accredited by SADCAS in the field of Inspection. This not being the first accreditation for BOBS as an organization, she stated that other strategic units within BOBS have been accredited, such as Trade Metrology (for Mass Metrology), Industrial Metrology (for Dimension and Temperature Metrology) and Testing Unit for Microbiology, Civil Engineering, Mechanical Engineering and Textile testing. She stated that the road to accreditation for BOBS CSU started on 1 March 2021 when the accreditation application was submitted, followed by an initial assessment which was conducted remotely using an assessment team consisting of nine (9) experts in the areas for which accreditation was sought, making it the largest assessment team that SADCAS has set up for any assessment. The decision on accreditation was made on 3 September 2021 indicating that the accreditation process took six (6) months to complete, the fastest by far in view of the number of scopes accredited.

General and Leading Stories

Mrs Mutasa then explained the importance and benefits of accreditation particularly in ensuring a level playing field for exports as well as ensuring that imports meet internationally recognized levels of performance and safety thus protecting our markets from being dumping grounds for counterfeit products. "You would also note that accreditation is specific to the field, scope and in the case of inspection, specific to the product inspected, the inspection method as well as a range of inspections, It is not a blanket accreditation" she remarked. Mrs Mutasa further stated that SADCAS offers accreditation of inspection bodies for various fields and products and that the SADCAS accreditation scheme is internationally recognized as SADCAS has achieved signatory status to the International Laboratory Accreditation Mutual Recognition Arrangement (ILAC MRA) in 2017. She stated that to-date SADCAS has accredited 8 Inspection Bodies which one is from Botswana, with 14 accreditation certificates, 7 of which are for BOBS.

In closing, the SADCAS CEO Mrs Mutasa congratulated BOBS CSU for the noble achievement and welcomed them to the club of internationally recognized inspection authorities. She reminded the BOBS CSU that SADCAS will undertake periodic surveillance assessments to ensure BOBS CSU's continued compliance with the requirements during the validity of the certificate, she further indicated that SADCAS would not hesitate to suspend or withdraw the accreditation should BOBS CSU fail to maintain it accreditation including failure to pay accreditation fees. She encouraged BOBS to extend scope of accreditation to other inspection areas like inspection of chemical gloves and hand sanitizers.

Mrs Mutasa proceeded to hand over the 7 accreditation certificates and the accompanying Schedules of Accreditation.

The session was closed off with ululations, photo shoots and packed snack!



BOBS Managing Director and BOBS Compulsory Standards Unit Staff posing with their certificate of accreditation

The Botswana Bureau of Standards (BOBS) is a Botswana National Standards Body enacted by the Standards Act of 1995. BOBS was established with primary objectives of formulating Botswana standards and co-ordinating quality assurance activities in Botswana with mission to improve the quality of life of the citizens of Botswana. Standards provide a veritable backbone for daily life

and encourage an improved quality of life by contributing to safety, human health and protection of the environment. The Botswana Bureau of Standards (BOBS) Compulsory Standards Unit (CSU) is responsible for the enforcement of implementation of compulsory standards and the implementation of Standards Import Inspection Regulations (Botswana Product Conformity Programme).

SADCAS MEETS WITH MRS ZAKEYO PRINCIPAL SECRETARY, MALAWI MINISTRY OF TRADE AND INDUSTRY

SADCAS met with the Mrs Christine Zakeyo the Principal Secretary of the Malawi Ministry of Trade and Industry on 21 March 2022 at the Ministry's Office at Oak House in Lilongwe. The SADCAS delegation was made up of the Mr Davlin MD Chokazinga a member of the SADCAS Board of Director and the SADCAS CEO, Mrs Maureen Mutasa. The meeting was also attended by Mr Silas Sindi the, Assistant Director for Ministry of Trade and Industry.

The purpose of the meeting was to update the Ministry on developments in SADCAS, pre-sensitise the Government of Malawi on the levels of contributions towards SADCAS sustainability for the 2022 to 2027 strategic period and appeal to the Government of Malawi to support SADCAS funding requirements at the upcoming 33rd meeting of the SADC Committee of Ministers of Trade.

The SADCAS Board member Mr Chokazinga thanked the Principal Secretary for the warm welcome and for affording SADCAS the opportunity to meet. He then outlined the purpose of the meeting and called upon the SADCAS CEO to give a brief update on developments in SADCAS highlighting how SADCAS was meeting Malawi's accreditation needs. She noted that in Malawi SADCAS had accredited 10 conformity assessment bodies including Malawi Bureau of Standards' Calibration, Testing and Certification departments and a number of medical laboratories such as Balaka Dream laboratory, Malawi Liverpool Wellcome Trust, Mwaiwathu Private Hospital Laboratory, Malawi HIV National Reference Laboratory etc. At the same time seven (7) applications were at the various stages of accreditation with a further three (3) expressed interest in accreditation from Malawi. SADCAS had undertaken seven (7) training courses in Malawi all in an effort to promote an understanding of accreditation requirements thus prepare conformity assessment bodies for accreditation. In Malawi, SADCAS had registered four (4) technical assessors, one (1) Team Leader and a Technical expert. Efforts are ongoing to build assessor capacity in Malawi with a number of experts currently undergoing training as assessors to complement the pool of assessors.

On Government contributions towards SADCAS sustenance, Mr Chokazinga informed the meeting that all outstanding contributions for the period 2012 to 2017 had been received whilst for 2017 to 2022, 86% of the contributions had been paid with 14% still outstanding from two (2) SADC Member States serviced by SADCAS. He then thanked the Government of Malawi for fully paying her contribution for the 2012 to 2017 and 2017 to 2022 contributions towards SADCAS sustainability.

On the 4th strategic period starting from 1 April 2022 to 31 March 2022, Mr Chokazinga informed on the strategic planning session held from 30 September to 1 October 2021 culminating in the approval of the 2022 to 2027 strategic plan at the November 2021 Board meetings. Mrs Mutasa then briefed the meeting on the business objectives for the period and the human and capital resources required to meet the business objectives. She then detailed the contributions that would be required from the SADC Member States serviced by SADCAS and provided the details of the contributions for the Government of Malawi. The SADCAS CEO appealed to the Government of Malawi to continue supporting SADCAS funding requirements which are reducing as SADCAS is working towards reaching breakeven point on operational costs. In conclusion Mr Chokazinga thanked the Government of Malawi for the funding accorded and appealed for continued support for the period 2022 to 2027. He then informed the meeting of Mrs Mutasa's impending retirement and assured the Ministry of a smooth handover.

Mrs Zakeyo expressed the Government's appreciation for the good work done by SADCAS and thanked SADCAS for including Malawi in her programmes from which the country has benefited through trade facilitation citing the exportation of rice and maize.

Following on from the meeting Mrs Mutasa paid a courtesy call on H.E. Dr Nancy Saungweme the Zimbabwe, Ambassador to Malawi.



From left to right: Mr Chokazinga, Mrs MP Mutasa, Ms Zakeyo and Mr Sindi



From left to right: H.E. Dr N Saungweme and Mrs Mutasa

SADCAS MEETS WITH DR MAVIS SIBANDA PERMANENT SECRETARY, ZIMBABWE MINISTRY OF INDUSTRY AND COMMERCE

SADCAS met with the Dr Mavis Sibanda the Permanent Secretary Zimbabwe Ministry of Industry and Commerce on 23 February 2022 at the Ministry's Office at Mukwati Building in Harare. The SADCAS delegation was made up of the Vice Chairman of the SADCAS Board of Directors, Mr Emmanuel Jinda, the SADCAS CEO, Mrs Maureen Mutasa and the SADCAS Finance and Administration Manager, Mrs Laureen Gudo. From the ministry the meeting was attended by Mr Vincent Mushangi Accountant and Mrs. R. Chibanda, Standards Development and Quality Assurance and 1 NAFP – Zimbabwe.

The purpose of the meeting was to update the Ministry on developments in SADCAS, pre-sensitise the Government of Zimbabwe on the levels of contributions towards SADCAS sustainability for the 2022 to 2027 strategic period and appeal to the Government of Zimbabwe to support SADCAS funding requirements at the upcoming 33rd meeting of the SADC Committee of Ministers of Trade.

In her welcoming remarks, Dr Sibanda underscored the importance of SADCAS services to Zimbabwe and reiterated Zimbabwe's commitment towards SADCAS sustenance. The SADCAS Vice Chairman thanked the PS for the warm welcome and for affording SADCAS the opportunity to meet with her. The CEO gave a brief update on developments in SADCAS highlighting that SADCAS business is growing steadily and informed on the achievement of international recognition of SADCAS accreditation services which currently covers six of the eight accreditation schemes on offer.

On Government contributions towards SADCAS sustenance, Mr Jinda informed Dr Sibanda that up to date for 2012 to 2017 all outstanding contributions had been received following payment

from Tanzania on 15 February 2022, and for 2017 to 2022, 86% of the contributions out of the US\$ 2.38 million operational budget deficit for the period had been paid with 14% still outstanding from Lesotho and Zambia with Lesotho having partly paid their contributions. On the 4th strategic period starting from 1 April 2022 to 31 March 2022, Mr Jinda informed on the strategic planning session held from 30 September to 1 October 2021 culminating in the approval of the 2022 to 2027 strategic plan at the November 2021 Board meetings. Mrs Mutasa highlighted the business objectives for the period, the human and capital resources required to meet the business objectives. Mrs Gudo detailed the five year indicative budget and highlighted that break-even was anticipated to be achieved in the final year of the 4th strategic period. Mrs Mutasa then detailed the contributions that would be required from the SADC Member States serviced by SADCAS and provided the details of the contributions for the Government of Zimbabwe. The SADCAS CEO appealed to the Government of Zimbabwe to timeously pay its contributions. In conclusion Mr Jinda informed Dr Sibanda of Mrs Mutasa's impending retirement and assured the Ministry that the SADCAS Board of Directors was in the process of ensuring a smooth handover.

Dr Sibanda congratulated Mrs Mutasa on the progress that she had made as the inaugural CEO of SADCAS and assured the meeting of Zimbabwe's commitment to supporting SADCAS and will endeavor to honour its obligations to SADCAS as the nation has been benefiting from the activities of SADCAS, albeit the pressures on foreign currency that Zimbabwe was experiencing. She expressed the Government's appreciation of the good work that SADCAS was doing to enhance the competitiveness of Zimbabwean goods and services, facilitating trade and enhancing the protection of consumers and the environment.



From left to right: Mrs LR Gudo, Mrs MP Mutasa, Dr M Sibanda, Mr E Jinda and Mrs R Chibanda

SADCAS STAFF ATTEND ILAC/IAF COMMUNICATIONS PROFESSIONSALS MEETING

SADCAS Quality Manager, Xavier Mugari, and Marketing and Communications Intern, Nicole Sekgoma, attended the ILAC/IAF Communications Professional's Meeting organized by Brahim Houla and Verónica Ramirez - co-chairs of IAF/ILAC Joint Working Group Communications.

The meeting was held virtually on the 1st of March 2022 and was attended by 51 delegates from around the world. The purpose of the meeting was to discuss World Accreditation Day 2022,

the next steps in future communication activities, and sharing experiences in communication work.

The meeting commenced with highlighting the aims of the ILAC/IAF Marketing & Communications team being the promotion of ILAC/IAF to regulators and the encouragement of member participation. This was followed by a review of the communication strategies and tools that ILAC/IAF uses to promote themselves to stakeholders. The theme for World Accreditation Day 2022: **Sustainability in Economic Growth and the Environment,**

During the breakaway sessions which were facilitated by Verónica Ramirez, members discussed ways to celebrate and promote World Accreditation Day. Remote tools used during previous celebrations included digital material for members, hosting of live remote events, social media campaigns, and themed branding on websites

Other ideas included extending World Accreditation Day activities to create a World Accreditation Week and using "pre-event" days such World Environment Day (June 5th) to prime the public's interest for World Accreditation Day.

Closing remarks were made by Brahim Houla and Veronica Ramirez.



was announced during the meeting.



DEVELOPMENT OF NEW ACCREDITATION SCHEME - MEDICAL IMAGING

Medical Imaging is an essential part of diagnosis of many diseases and has an important role in the improvement of public health in all population groups. The procedures used often involve the use of powerful and potentially damaging ionizing radiation. Poorly controlled medical imaging equipment, techniques and facilities can cause serious harm to both the operators of the equipment and the patient. It is important to note that poor image quality is a major source of diagnostic error.

The implementation of quality systems in the medical imaging service ensures that only correct imaging procedures are chosen and are performed by appropriately trained staff. The equipment used shall be well maintained and calibrated irrespective of size and complexity of the medical imaging service.

According to SADCAS AP 16 Procedure for the Development/ Extending and Discontinuation of Accreditation Schemes; the development of a new accreditation scheme or the extension of scope for an existing accreditation scheme may be initiated by SADCAS or any of its stakeholders in SADC Member States.

The SADCAS 2017 to 2022 Strategic Plan/Implementation Plan 2017/18 approved by the SADCAS Board of BoD M50 held on 11 May 2017 part of the resolutions were as follows:



Key Strategy; Prioritise and develop new accreditation schemes based on current demand and anticipated demand.



Activity; Develop and implement new accreditation products based on current demand and anticipated demand prioritizing the key development sectors as identified in the SADC Industrial Policy and aligning to Action Plan of the SADC Industrialization Strategy and Roadmap



Key performance Indicator; Monitor expressed interests in accreditation and identify new accreditation programmes for development by March 2018

development by March 2018 Due to the increasing enquiries and anticipated demand on the Medical Imaging Accreditation Scheme (MIAS), SADCAS resolved to initiate the development of the MIAS. SADCAS also recognized that Medical Imaging was still amongst the least developed of the branches of health care in the region and therefore accreditation of the field would support the member countries to develop, adapt and integrate appropriate technologies for medical imaging. The promotion of the quality of radiographic and protection aspects of medical imaging is critical for the SADC member states.

The development of the MIAS was an agenda item under the development of a new schemes at the SADCAS 4th MLAS Advisory Committee meeting held on 10 December 2018. The meeting was attended by 13 experts from the SADC member states. The experts resolved to contribute to the development of the scheme.

From the AC meeting in 2018 a working group was formed to contribute to the initiation of the process of the development of the MIAS under ISO 15189:2012 accreditation criteria.

The following developments in the MIAS have taken place up to date;

- Establishment of MIAS accreditation scheme 2019
- 1st Advisory Committee Meeting for MIAS 28 November 2019
- 2nd Advisory Committee meeting for MIAS 23 November 2020
- 3rd Advisory Committee Meeting for MIAS 24 November 2021
- Development of Criteria documents for General Radiography and Ultrasound Development of the MIAS Brochure

The following are the upcoming plans for MIAS:

- 4th Advisory Committee Meeting for MIAS November 2022
- To continue to develop relevant MIAS criteria documents
- To launch the MIAS scheme
- To market the MIAS scheme at the upcoming Botswana International Expo
- To Market and promote the scheme through a workshop
 Train MIAS assessors

Medical Imaging organizations are encouraged to express their interest in accreditation.

WORKSHOP ON ENHANCING EFFECTIVENESS OF NAFPS

The workshop on enhancing the effectiveness of National Accreditation Focal Points (NAFPs) in the work of SADC Cooperation in Accreditation (SADCA) and SADC Accreditation Service (SADCAS) was held virtually from 22-23 November 2021 with the 2nd day devoted to SADCAS activities. The workshop was attended by 13 NAFPs from 10 SADC Member States serviced by SADCAS

The workshop was facilitated by Dr Ron Josias, the SADCA Chair, and Mr Steve Bruce Sidney, the SADCAS Board Chair. SADCAS was represented at the workshop by Mrs Maureen P Mutasa, SADCAS CEO; Mr Xavier Mugari, Quality Manager; and Mr Mogae Molaoa, the Training Administrator.

The 2-day workshop was funded by PTB Germany under the PTB/ SADC SQAM Support Project on Strengthening Quality Infrastructure for Trade and Enhancement, Competitiveness and Consumer Protection in SADC. The main purpose of the workshop was to review the NAFP model and their performance and to hear at first hand the challenges that NAFPs face in executing their roles and responsibilities and to find ways of enhancing their effectiveness in SADCA and SADCAS.

On Day 1, Dr Josias presented an overview of SADCA, achievements and future plans for SADCA, rights and obligations of Ordinary Members (NAFPs) and review of the effectiveness of Ordinary Members. This was followed by discussions on challenges faced and strategies to enhance the effectiveness of Ordinary Members. Day 2 focused an overview of SADCAS, achievements and future plans of SADCAS, review of NAFP Model, review of NAFP Job Description and Job Specification and review of NAFPs effectiveness in SADCAS. The day was concluded with discussions on challenges faced and strategies to enhance the effectiveness of NAFPs.

The following were some of the strategies identified to enhance the effectiveness of NAFPs:

- Need to familiarize NAFP supervisors of the responsibilities of the NAFPs and the important role the NAFPs play in SADCAS activities so that they can allocate enough resources to NAFP work in SADCAS.
- Fully familiarize NAFPs with the roles and responsibilities of NAFPs
- Retrain NAFPs on the SADCAS Quality Management System.
- Need for NAFPs to dedicate a percentage of their time every month to do NAFP activities taking into account the needs of the country and planning activities accordingly. Share accreditation related news and articles with all concerned, assist CAB's as much as possible with required information on accreditation and keep on motivating CABs and assisting them to achieve accreditation.
- Need for NAFPs to have marketing skills and a database of key accreditation stakeholders including CABs and regulators operating in the country.
- Level of NAFPs in their countries must be such that they can be able to meet with decision makers and have the necessary knowledge on accreditation and conformity assessment.
- Should be able to garner support from relevant stakeholders, effective supervision of the NAFP office by management and one not being complacent.
- Language diversity not taken into account in the day-to-day work involvement of SADCAS activities which are conducted in English as well as the annual meetings and workshops.

The outcome of the 2-day workshop will be discussed by the SADCA Executive Committee and the SADCAS Board of directors who shall develop an action programme for the identified strategies to enhance the effectiveness of NAFPs.

NAFPS - BOTSWANA AND SEYCHELLES AWARDED 2022 CERTIFICATES OF RECOGNITION

Following a year of diligence and dedication, the National Accreditation Focal Points (NAFPs) for Botswana and Seychelles were presented with the Most Improved and Most Effective NAFP Awards for 2022 respectively. The decision to award the 2022 certificates of recognition to these outstanding NAFPs was made at the 73rd SADCAS Board of Directors meeting held on 17 February 2022.

National Accreditation Focal Points are appointed by their respective governments and are responsible for the promotion of accreditation and marketing of SADCAS services within their respective countries. They are a channel of information between the member states that they represent and SADCAS. To achieve SADCAS objectives, NAFPs prepare national action plans in support

of SADCAS annual implementation plans. The framework for the 2021/22 Marketing Plan was developed at the November 2020 annual NAFP meeting and directs NAFPs to focus their activities into the strategic area of increasing awareness on the benefits of accreditation - especially to policy makers and regulators, and to market SADCAS services. The NAFP handbook, which also contains frequently questions, guides NAFPs in their day-to-day work.

The 2022 Awards are based on the reports for the period 1 January up to 31 December 2021 using five (5) criteria which are weighted according to their importance. Based on all the reports for the year, an evaluation matrix, a summary of NAFPs quarterly reports submissions and an estimate realization for the period were prepared and formed the basis of the nominations. The average estimate realization of NAFP national action plans for 2021 was



Edward Mmatli (1st NAFP Botswana)



Boikhutso Pheto (2nd NAFP Botswana)



Dr Sreekala Nair (1st NAFP Seychelles)



Corina Chang Tv- Sing (2nd NAFP Seychelles)

74%, an improvement that surpassed averages for the past 4 years. Based on the evaluation score matrix, NAFP – Botswana had a total score of 93.4, recorded the highest improvement of +14.4 in average estimate realization and was identified for the 2022 Most Improved NAFP. NAFP - Seychelles which had the highest total score of 96.6 out of 100 earned the 2022 Most Effective NAFP Award.

Keen to spread the word of their accomplishment, NAFP - Seychelles shared the news of their award with the Seychelles Nation national newspaper, and the Seychelles Bureau of Standards and their Ministry of Investment, Entrepreneurship, and Industry who both published the information on their social media platforms. In an interview with the Seychelles national broadcasting TV station, NAFP Seychelles took the opportunity to speak about the importance of SADCAS, benefits of accreditation and the roles and responsibilities of NAFP's.

The NAFP Award ceremony is an annual event held in conjunction with the SADCAS Annual General Meeting to commemorate NAFPs efforts and contributions towards SADC goals on accreditation. For their Award, NAFP - Botswana will receive a certificate and a gift. NAFP - Seychelles will receive a certificate and their attendance to the 16th NAFP Annual Meeting will be fully sponsored by SADCAS.

NATIONAL NEWS

SBS scoops prestigious SADC accreditation award



Extract from Seychelles Nation Newspaper - 25 March 2022

Congratulations to the award winners!

SADCAS HOLDS ASSESSOR WORKSHOP

In a bid to ensure dissemination of information, alignment with objectives and continued compliance with accreditation requirements, SADCAS arranged a virtual workshop for its Assessors and Technical Experts. The half-day virtual workshop was held on 18 January 2022 and was attended by 98 participants including SADCAS technical staff.

The purpose of the workshop was to address feedback from assessments; to provide feedback on findings from the SADCAS 2021 Internal Audit relating to assessors and assessments; to give update on revised QMS documents and to train assessors on risk-based assessments. SADCAS also took the opportunity to share plans for the resumption of onsite assessments, following relaxation of travel restrictions.

The assessors were reminded of the responsibilities of the Team Leaders with respect to managing and accountability during assessments. The assessors were also reminded of the importance of adequate completion of assessment forms, a gap that was noted with the inception of remote assessments.

The SADCAS Technical Manager Mrs Pinkie Malebe shared SADCAS plans to resume onsite assessments. She stated that most of the facilities have had at least one (1) remote assessments hence the need to conduct an onsite assessment within 2 years from the last onsite assessment as stipulated in ISO/IEC 17011. The Technical Manager outlined the risk-based approach and criteria for resumption of onsite assessments stating that the ongoing COVID-19 pandemic necessitates the need to be cautious in

The SADCAS Quality Manager, Mr Xavier Mugari gave a presentation on Risk-based assessments. Internal Audit findings that related to assessors were discussed to ensure that they are addressed. The assessors were also briefed on the revised SADCAS QMS documents and developments at international level for the different accreditation schemes. Assessors were also given a refresher presentation on Assessor Conduct as outlined in SADCAS TG 02 — SADCAS Assessor/Technical Expert Handbook.



approach. Mrs Malebe further stated that SADCAS intends to continue with remote assessments once everything returns to normalcy.

The session ended with a question-and-answer session that was ably fielded by SADCAS technical staff. Feedback received from assessors was positive stating that they highly appreciated the information sharing session.

COMMUNIQUE ON RECENT IAF PUBLICATIONS

This serves to announce the publication of the following IAF publications:

IAF MD 4:2018 - *IAF Mandatory Document for the Use of Information and Communication Technology (ICT) for Auditing/Assessment Purposes.*

This mandatory document provides for the consistent application in auditing/assessment, for the use of information and communication technology as part of the methodology. The scope of this document is for the auditing/assessment of management systems, persons, and product and is applicable to conformity assessment bodies and accreditation bodies.

Issue 2, Version 3 was published on 1 February 2022 to correct an editorial error in Issue 2, Version 2. The application date remains unchanged from Issue 2, Version 1 (4 Jul 2019) due to the versions 2 and 3 having only editorial changes.

The use of ICT is not mandatory and may be used for other types of conformity assessment activities, but if used as part of the audit/assessment methodology, it is mandatory to conform to this document.

IAF MD 24:2021 - Transition Requirements for ISO 50003:2021

This document provides transition requirements for:

- Normative Document: ISO 50003:2021
- Replacing: ISO 50003:2014
- Current Status (at time of MD publication): IS
- Transition Period: 2 ½ Years (30 months)

Issue 1 was published on 08 December 2021, with an application date of 8 December 2021.

IAF MD 25:2022 - Criteria for Evaluation of Conformity Assessment Schemes

This document comprises the minimum requirements for conformity assessment schemes (CAS) to be applied by IAF member ABs when evaluating national, regional or international

CAS to ensure that they meet requirements specified in ISO/IEC 17011. Clause 4.6.3.

Issue 1 was published on 07 January 2022 with an application date of 07 January 2024.

IAF MD 9:2022 - Application of ISO/IEC 17021-1 in the Field of Medical Device Quality Management Systems (ISO 13485)

This document specifies normative criteria for CABs auditing and certifying organizations' Quality Management Systems to ISO 13485, in addition to the requirements contained in ISO/IEC 17021-1. It is also appropriate as a requirements document for the peer evaluation process for the IAF Multilateral Recognition Arrangement (MLA) among Accreditation Bodies.

Issue 4 was published on 01 February 2022 with an application date of 01 February 2023.

IAF MD 21:2022 Requirements for the Migration to ISO 45001:2018 from OHSAS 18001:2007

This document provides requirements for the migration from OHSAS 18001:2007 to ISO 45001:2018. It has been prepared by the International Accreditation Forum (IAF) in cooperation with the OHSAS Project Group and ISO to provide advice to interested parties on migration arrangements to be considered before implementing ISO 45001. It outlines activities which shall be considered by relevant interested parties and increases understanding of the context of ISO 45001. These migration

requirements apply only to migration of OHSAS 18001:2007 to ISO 45001:2018 by the same Certification Body.

Issue 1, Version 3 was published 01 February 2022 to correct an editorial error in Issue 1, Version 2. The application date remains as specified in Issue 1, Version 1 (March 2018) due to versions 2 and 3 only editorial changes.

IAF-Foundation FSSC Agreement – Endorsement of the FSSC 22000 Certification Scheme

Certification Bodies (CBs) operating under Version 5 or higher of FSSC 22000 need accreditation by an Accreditation Body recognized under the new IAF MLA sub-scope for their FSSC 22000 certification activities. This provides assurance that CBs can be trusted to deliver reliable and consistent certifications recognized as equivalent by all signatories covered under the FSSC 22000 sub-scope.

A new version of this MLA Agreement has been published to reflect Foundation FSSC's name change from Foundation FSSC 22000 to Foundation FSSC. The current status of the IAF MLA endorsement for FSSC 22000 is published and maintained on the IAF website in the IAF MLA Status document: https://iaf.nu/wp-content/uploads/2021/09/IAF-MLA-Status.pdf

The published IAF Mandatory Documents are available for free from the IAF website: https://iaf.nu/en/iaf-documents/?cat_id=7

IN THE EYE OF AN ASSESSOR - CINDY HAYES

Cindy Hayes is a Medical Technologist (Clinical Pathology) with a specialization in Microbiology and holds master's degree in Biomedical Technology, focusing on Mycobacteriology.

Cindy began her work as a technical expert for SANAS in 2012 but later underwent formal training as a Technical Assessor in 2014. She was registered as SADCAS Technical Assessor and began assessing for SADCAS in 2017, focusing on Microbiology and Mycobacteriology scopes.

She has always been passionate about the assessment process and being able to play a role in helping laboratories improve their quality systems in order to achieve ISO 15189 accreditation status. Watching laboratories evolve during the accreditation cycle by learning, understanding and improving their systems is the most rewarding part of the process for her.

"Transitioning from onsite assessments to remote assessments during the COVID pandemic has definitely added a new dimension to the assessment process. Remote assessments have allowed assessors to pay more attention to detail when it comes to laboratory records, SOP's and other supporting documents. This has most certainly benefitted the assessment process as

well as the facilities, however, not being able to interact directly with the facilities has had its drawbacks. The true impact of two years of remote assessing will undoubtedly unfold in the coming months.", says Cindy. Cindy is looking forward to resuming onsite assessments and engaging with the facilities face to face in the coming months.



Ms Cindy Hayes

IN THE EYE OF AN ASSESSOR - VIKASH RAMESSUR

Vikash Ramessur is a registered Technical Assessor for SADCAS under the Testing Scheme. A Mauritian national, his contribution to SADCAS is in the field of Forensic Serology and DNA Analysis. During his first degree at Pune University in India, he specialized in Botany before obtaining his Post Graduate Diploma in Bioinformatics with Molecular Biology from the University of Mauritius and then his Master's degree in Forensic Science from Staffordshire University in the UK.

He has held the position of Senior Forensic Scientist with the Mauritius Forensic Science Laboratory for the past 21 years and has also served as Technical Assessor for Mauritius Accreditation Services (MAURITAS) since 2019.

Mr Ramessur was registered as a SADCAS Technical Assessor in January 2021 and had an opportunity to be part of the assessment team for the Off-site Initial Assessment of the Government Chemist Laboratory Agency — DNA Laboratory, Tanzania. More recently, he participated in the Assessor's training for ISO IEC 17025 under the SADC EDF11 PTB Funded Project in February – March 2022.

"Offsite assessment conducted virtually (via zoom, WhatsApp platforms) is very challenging especially in fields where test witnessing for Technical Signatories is a must. However with the support of SADCAS personnel, Assessment Team Leader and CAB representatives, I was able to efficiently conduct the task assigned to me. It was quite an experience and I feel ready for further endeavors", he said.

Mr Ramessur is fluent in English and French and is father of two lovely daughters.



IN THE EYE OF A TECHNICAL EXPERT - ARCHIBALD CHIMUKA

Archibald Chimuka is a technical guru in the pharmaceutical (Pharma) industry with a penchant for Regulatory Affairs and Quality Management Systems. Born and educated in Zimbabwe, he holds a Bachelor of Science degree in Pharmacy from the University of Zimbabwe and also obtained a Bachelor of Commerce (Majoring in Marketing Management) from University of South Africa (UNISA). Archibald is currently completing his studies for a Master's in Business Leadership with the Graduate School of Business at UNISA.

With 28 years of experience in the pharma industry, Archibald is well adept at production, quality control, technical audits, drug registration, laboratory management, drug safety and efficacy,

as well as enforcement of current Good Manufacturing Practice (cGMP) - a standard that is used to evaluate the acceptability to manufacture in the pharma industry. Archibald left formal employment to become independent consultant in the Pharma industry in early 2020 and joined the pool of SADCAS technical experts in late 2021.

Archibald's first assignment as a SADCAS technical expert was in early February 2022. "It was a watershed moment as I was operating in familiar territory. From my first assessment I was impressed by the planning and organisation of the assessment. It was the remote (virtual) witnessing assessment of a certification audit, from which I fully appreciated the importance of a strong internet connectivity.

I was fortunate that the Certification Body (CB) and the CB client had well-developed quality management systems and processes. The excellent cooperation between the SADCAS personnel, the assessment team (of which I was a member), auditors and auditees ensured that the assessment ran very smoothly indeed", said Archibald when asked to elaborate on his first time experiences as a SADCAS Pharmaceutical technical expert.



Mr Archibald Chimuka

INVITATION TO REGISTER AS SADCAS ASSESSORS

The Southern African Development Community Accreditation Service (SADCAS) invites qualified assessors to be registered as SADCAS assessors for its testing/calibration/medical laboratories, and certification (management systems/product)/ inspection bodies' accreditation schemes. SADCAS' strategy is to grow its pool of assessors so as to cover the anticipated scopes of accreditation, and the geographical and language diversity in the SADC region of which 14 Member States are serviced by SADCAS.

Assessors from private and public sectors as well as from technical institutions/associations who have been trained, qualified and registered as assessors by an accreditation body are invited to apply by completing SADCAS F 26: SADCAS Assessor/Technical Expert Information Record which can be downloaded from the SADCAS website link http://www.sadcas.org/sites/default/files/pdf-documents/SADCAS%20 F%2026%20-%20SADCAS%20Assessors-Experts%20 Information%20Record%20[Issue%205].pdf

SADCAS will review and evaluate all applications received to ensure that the assessors have the prerequisite qualifications, technical knowledge and experience required by SADCAS.

Applications shall be addressed to:

Mrs Pinkie Malebe

SADCAS Technical Manager Email: pmalebe@sadcas.org



SADCAS SCHEME COORDINATOR - CBAS NOMINATED TO REPRESENT SADCA AT THE IAF DATA BASE MANAGEMENT COMMITTEE

SADC Cooperation in Accreditation (SADCA) has nominated Mr Victor Mundembe, the SADCAS Technical Committee vice-chair, to represent SADCA at the IAF CertSearch Database Management Committee(DMC). Mr Mundembe is the Scheme Coordinator for the SADCAS Certification Bodies Accreditation Scheme (CBAS).

The International Accreditation Forum (IAF) Global Database has been housing and providing an authoritative source for validating accredited certifications issued worldwide since 2014. The program was championed by the IAF's Database Management Committee (DMC) represented by Accreditation Bodies, Regional Accreditation Body Groups (RAG), Certification Bodies and Industry Associations that are members of the IAF. The global database, which was branded as IAF CertSearch, was launched during the run up to the 2019 World Accreditation Day. A number of certification bodies in the region had signed up to the IAF CertSearch.

The DMC comprises individuals appointed by the IAF Board of Directors with at least six (6) of the individuals representing the Accreditation Body Members of IAF, one (1) from each RAG and, at least two (2) of the individuals representing the Association Members of IAF. At the DMC, Mr Mundembe represents the interests of SADCA, the IAF RAG that comprises Mauritius Accreditation Service (MAURITAS), SADC Accreditation Service (SADCAS) and South African National Accreditation System (SANAS), and by association, the accredited and under process certification bodies (CBs), certified organizations, procurement authorities, National

Accreditation Focal Points, Certification Advisory Committee members and AB assessors in the SADC region.

The DMC manages the IAF Database LLC, a limited liability company, and reports through the DMC Chair to the IAF Board of Directors. The objective of the IAF Database LLC is to develop, implement and maintain a global database of management systems certificates issued by certification bodies accredited by accreditation bodies that are members of IAF.

The DMC:

- Ensures that the database is developed, implemented and operated in compliance with the Principles achieved with an IAF Database of Accredited MS Certifications as approved by IAF members
- **(ii.** Contracts a service provider for the development, implementation and ongoing maintenance of the database
- Oversees the service provider for the database and confirms the database is developed and maintained in accordance with the Principles
- iv. Assesses any fees to any Body (e.g. any accreditation body, certification body, certified company or any user to access data), and develops the proposal for approval by the IAF Board and subsequent endorsement by the IAF General Assembly.





Mr Victor Mudembe

NICOLE SEKGOMA STARTS INTERNSHIP AT SADCAS

Nicole Sekgoma, a University of Cape Town BSc (Biochemistry) degree holder, joined SADCAS as Intern, Marketing and Communication in January 2022.

Being a multi economy entity and an active member of the global community of accreditation, SADCAS provides unparalleled exposure to an intern through the various compliance requirements and processes required to engage their broad stakeholder base.

"The SADCAS office culture inspires me to produce my best work through the guidance of my colleagues and supervisors. This internship has expanded my scope of communications and marketing to a global level, and I am excited for the opportunity to represent SADCAS.", she said.



Ms Nicole Sekgoma

MMAMOTSE GAOTILWE STARTS INTERNSHIP AT SADCAS

Mmamotse Phalana Gaotilwe started her internship at SADCAS on 1 February 2022 as an Administrative Assistant Intern, under the Finance and Administration Unit.

She has a wide canvas of experience from her previous employment in various industries, including the financial services sector. Mmamotse is a University of Derby graduate who holds a BA (Hons) Accounting & Finance degree, having graduated at Botswana Accountancy College in 2015.

Currently, she works closely with the administration, accounting and finance department which offers her a solid opportunity to grow and enhance her honours degree on a more practical note. Over and above this, she holds a Diploma in Marketing management and has recently acquired a certificate in Quality Management Systems (ISO 9001:2018).



Ms Mmamotse Phalana Gaotilwe

WORKING CAPITAL AND DEBT MANAGEMENT WEBINAR

The SADCAS Finance team attended a webinar on Working Capital and Debt Management on the 17th December 2021. This was a virtual workshop conducted by the Botswana Institute of Accountants (BICA). The course forms part of the BICA Continuous Professional Development (CPD) and is also incorporated in the SADCAS staff CPD Programme.

Working capital is the amount of available capital that a company can readily use for day-to-day operations. It measures a company's liquidity, operational efficiency, and short-term financial health. The course provided a comprehensive analysis on how to manage working capital, working capital financing policies, increasing profits through working capital management and how to properly fund working capital. The course also discussed the cash conversion cycle, budgeting and credit policy. Ensuring that the company possesses appropriate resources for its daily activities means protecting the company's existence and ensuring it can

keep operating as a going concern. Scarce availability of cash, uncontrolled commercial credit policies, or limited access to short-term financing can lead to the need for restructuring, asset sales, and even liquidation of the company.

The objective of the training session was to enable participants to undertake the following:

- Discover basic understanding of a company's working capital structure.
- Identify how to manage working capital to increase profits.
- Explore and establish basic knowledge of Working Capital Management policies.
- Identify how to calculate the cash conversion cycle.
- Explore and establish knowledge of working capital in the budgeting process and credit policy
- Establish different strategies of Managing Debt.

SADCAS HOLDS ISO/IEC 17025:2017 REQUIREMENTS & INTERNAL AUDITING TRAINING COURSE IN BOTSWANA

SADCAS held a training course on ISO/IEC 17025:2017 Requirements & Internal Auditing at Oasis Motel in Tlokweng, Botswana which was attended by twenty-five (25) participants.

The training started on Monday 24 January 2022 and was facilitated by Mrs. Wedzerai Makaya, a Quality Manager implementing ISO/IEC 17025:2017 at Veterinary Technical Services in Zimbabwe.

The National Accreditation Focal Point (NAFP) for Botswana, Ms. Boikhutso Pheto, gave the opening remarks. She highlighted the roles and responsibilities of SADCAS NAFP members which include the marketing of SADCAS accreditation and training activities in Botswana. Ms Pheto also highlighted the training courses being offered by SADCAS which included awareness,

requirements, implementation and internal auditing for ISO 17025, ISO 17020, ISO 15189 and ISO 17021. She urged all the participants to go back and use all the information they were going to acquire in implementing management systems in their laboratories.

Due to COVID - 19 pandemic the participants observed all the health protocols as prescribed to ensure safety of all stakeholders. Some group work was done as homework to avoid crowding the participants into groups. The audit practical session was conducted on Friday morning after the participants wrote the examination.

The training was concluded on Friday 28 January 2022 after a feedback session and general discussions from the trainer and participants who took the opportunity to thank SADCAS for a well presented training course.

SADCAS HOLDS ISO/IEC 17020:2012 REQUIREMENTS, IMPLEMENTATION & INTERNAL AUDITING TRAINING COURSE UNDER THE SADC EDF 11 PTB FUNDED PROJECT

SADCAS held two training courses under the auspice of the SADC EU EDF 11 project. The training courses were on ISO/IEC 17020:2012 Requirements, Implementation & Internal Auditing and targeted Conformity Assessment Bodies (CABs) that operate in the SADC Industrialisation Priority Areas on ISO/IEC 17020:2012 in 16 SADC Member States namely: Angola, Botswana, Comoros, DRC, Eswatini, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, South Africa, Tanzania, Zambia and Zimbabwe.

The objective of the project was to train management and staff of conformity assessment bodies in order to prepare them for accreditation. The training was on ISO/IEC 17020:2012 - the international standard that conformity assessment bodies have to comply with in order to be accredited. The training was conducted remotely by SADCAS using the ZOOM platform and were conducted in English.

A total of 33 participants from 18 conformity assessment bodies based in Botswana and Eswatini attended the first training course that was held from 21 to 25 February 2022.

The second training session, held from 7 to 11 March 2022, was attended by 33 participants from 24 conformity assessment

bodies based in Malawi, Mauritius, Namibia, Lesotho, Seychelles, Zambia and Zimbabwe.

Welcoming remarks from the facilitator kick-started the training course. The facilitator thereafter introduced himself and allowed participants to introduce themselves and outline their expectations for the course.

A comprehensive elaboration on each of the eight clauses stated in ISO/IEC 17020: 2012 gave participants the opportunity to ask questions for clarification. Participants were educated on the importance of competence aspects: personnel, facilities, traceability of measurements, environment conditions, inspection methods and procedures as vital tools towards accreditation. They were also appraised on why procedures need to be documented by all the staff performing specific tasks, why they are consolidated into a single document, the Quality Manual, and why procedures should be implemented and available at all relevant locations of their work places.

On Internal auditing, the Facilitator covered the purpose of internal audits, the audit process (including how to conduct the opening and closing meetings), positive and negative characteristics of an auditor, and competence requirements for auditors. Participants grasped the importance of planning for

the audits and the preparation of audit work documents, methods/techniques used to gather information during an audit, how to correctly formulate non-conformances and correctly classify them.

Participants sat for an exam on the last day of the course. This was followed by feedback and a closing session by the trainer. The SADCAS Training Administrator assisted with the logistics of undertaking the exam online. Participants thanked SADCAS and its stakeholders for arranging this training, especially during the COVID-19 pandemic as most CABs did not have the budget for training as financial resources had been redeployed.

SADCAS TRAINS EXPERTS AS ASSESSORS FOR ISO IEC 17025 UNDER THE SADC EDF11 PTB FUNDED PROJECT

SADCAS held a remote assessor training course for experts on ISO/IEC17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories. The 9-day course was conducted in English with simultaneous translations into Portuguese and French.

The Training course was conducted by Mrs Monica Peart as the Lead Trainer with Ms Jeanne Ranorovelo as the Co-trainer. Mrs Peart has been involved in the training of SADCAS assessors since 2005 and Ms Ranorovelo has worked as Technical Manager at SADCAS.

The training courses were attended by 26 trainees drawn from:

- Experts in calibration and various fields of testing,
- Conformity Assessment Bodies offering testing and calibration services in adherence to ISO/IEC 17025:2017
- SADC Member States Serviced by SADCAS
- SADCAS staff i.e. Otlaadisa Lechina

The objective of the project was to train experts as ISO/IEC 17025:2017 assessors who would contribute to the growth in the pool of SADCAS assessors thus addressing the challenges of language and geographical diversity and ultimately managing accreditation costs by using locally based assessors.

The Training course comprised the following activities:

 From 21 - 25 February 2022 5-day; ISO/IEC 17025:2017 requirements and accreditation process training program covering the assessment process, from preparation for the assessment, assessment process and post assessment processes.

 From 15 - 18 March 2022; ISO/IEC 17025:2017 practical training on assessment techniques including the writing of nonconformities, determination of root cause analysis and corrective and preventive actions.

The training enabled interaction not only with the Trainers but also amongst participants. Small group activities were undertaken during the training with feedback to the main group. The theory of accreditation and specific requirements of the relevant standard were evaluated by writing individual tests and assignments. Personal interactions during group assignments were used to evaluate the participant's ability to interact with persons and effectively communicate requirements.

The Trainer will be required to submit a training report which shall include the recommendation on each candidate's potential to proceed to mentoring stage. Further training of those experts who qualify for the mentoring stage will be undertaken physically in their respective countries at which time it is expected that the COVID-19 situation would have stabilized. The experts who successfully undergo the mentoring stage shall be qualified and registered as SADCAS Assessors.

SADCAS TRAINS EXPERTS AS ASSESSORS FOR ISO/IEC 17065 UNDER THE SADC EDF11 PTB FUNDED PROJECT

SADCAS held a remote assessor training course for experts on ISO/IEC 17065:2012: Conformity Assessment

 Requirements for bodies certifying products, processes and services. The 9-day training course was held remotely via Zoom platform and was conducted in English with simultaneous translations into Portuguese and French. The training was funded under the SADC EDF 11 PTB Project.

The training course was conducted by Mrs Monica Peart as the Lead Trainer with Mr Eugene Horak as the Co-trainer. Mrs Peart has been involved in the training of SADCAS assessors since 2005 and Mr Horak has 18 years of hands-on experience in Product Certification.

The training courses were attended by 22 trainees drawn from:

- Experts in Product Certification
- Conformity Assessment Bodies offering/intending to offer Product Certification Services to ISO/IEC 17065:2012 and
- Representatives of SADC Member States Serviced by SADCAS

The objective of the project was to train experts as ISO/IEC 17065 assessors who shall contribute to the growth in the pool of SADCAS assessors and by so doing SADCAS' ability to service the non-English speaking countries will be enhanced. Furthermore, accreditation costs will be managed by using locally based assessors.

The Training course comprised the following activities:

 7 - 11 March 2022 5-day ISO/IEC 17065 requirements and accreditation process training program covering the requirements of ISO/IEC 17065:2012 and the assessment process starting from preparation for the assessment, assessment process and post assessment processes. (22 - 25 March 2022) 4-day ISO/IEC 17065 practical training on assessment techniques including undertaking vertical assessments, writing of nonconformities, determination of root cause analysis and corrective and preventive actions.

The training enabled interaction not only with the Trainer but also amongst participants. Small group activities were undertaken during the training with feedback to the main group. The theory of accreditation and specific requirements of the relevant standard were evaluated by writing individual tests and assignments. Personal interactions during group assignments were used to evaluate the participant's ability to interact with persons and effectively communicate requirements.

Further training of experts who qualify for the mentoring stage will be undertaken physically in their respective countries at which time it is expected that the COVID-19 situation would have stabilized. The experts who successfully undergo the mentoring stage shall be qualified and registered as SADCAS Assessors.

CUSTOMER SATISFACTION SURVEY- APRIL 2021 TO MARCH 2022

In an effort to continuously improve its accreditation services thus serve customers better, SADCAS undertook a customer satisfaction survey during the 2021/22 financial year.

The Customer satisfaction survey form was circulated to clients electronically on an ongoing basis for completion as they receive accreditation services from SADCAS. The feedback is analyzed on an ongoing basis with any suggestions for improvement being considered and implemented accordingly. Nonconformities were raised on SADCAS F42 for any "Poor" customer feedback. One hundred and ninety (197) forms were circulated and ninety-five (95) responses were received i.e., 48% response rate.

The following results are based on an analysis of all the feedback received during the period beginning 1 April 2021 to 31 March 2022.

- 99% rated SADCAS overall accreditation services from good to excellent with 84% rating from very good to excellent and 1% poor Refer to Figure 1.
- 97% rated SADCAS accreditation for accuracy and completeness of technical information from good to excellent with 87% rating from very good to excellent and 3% satisfactory. Refer to Figure 2.

- 95% rated SADCAS accreditation process timelines from good to excellent, 77% rating from very good to excellent,
 4% satisfactory and 1% Poor. Refer to Figure 3.
- 95% rated professionalism of assessment team from good to excellent with 86% rating from very good to excellent and 1% Poor. Refer to Figure 4.

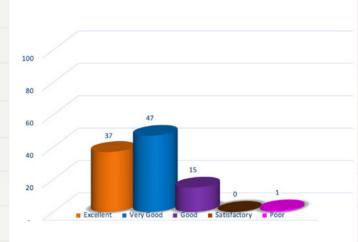


Figure 1 - Overall Satisfaction on Service Received 2021/22 Year

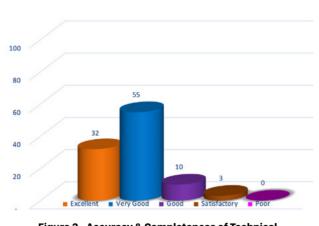


Figure 2 - Accuracy & Completeness of Technical Information 2021/22 Year

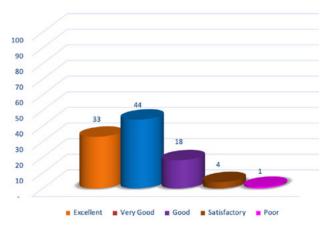
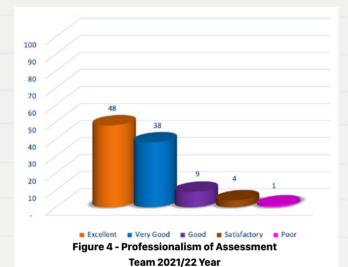


Figure 3 - Accreditation Process Timelines 2021/22 Year



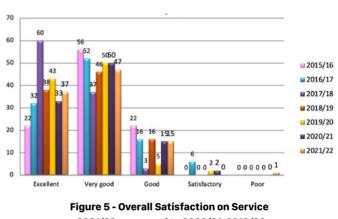


Figure 5 - Overall Satisfaction on Service - 2021/22 compared to 2020/21, 2019/20, 2018/19, 2017/18, 2016/17 and 2015/16

NEW ACCREDITATIONS, SCOPE EXTENSIONS, SUSPENSIONS AND WITHDRAWALS FROM 1 DECEMBER 2021 TO 31 MARCH 2022

Organization and Location	Scheme	Accreditation No.	New Accreditations	Scopes Extension	Suspension	Withdrawal
Muhimbili Mloganzila, Tanzania	Medical to ISO 15189:2012	MED 079	Mycology, Chemistry, Blood bank, Serology, Parasitology, Microbiology			
Njombe Town Council, Tanzania	Medical to ISO 15189:2012	MED 080	Molecular, Serology, Mycobacteriology, Parasitology			
Lancet Laboratory Regency, Tanzania	Medical to ISO 15189:2012	MED 025		Cytology		
Maweni Regional Referral Hospital, Tanzania	Medical to ISO 15189:2012	MED 081	Mycobacteriology, Parasitology			
Lancet Clinical Laboratories, Zimbabwe	Medical to ISO 15189:2012	MED082	Chemistry, Cytology, Endocrinology, Histology, Molecular Biology, Serology			
Shinyanga Regional Referral Laboratory, Tanzania	Medical to ISO 15189:2012	MED 083	Mycobacteriology, Blood Bank, Parasitology Serology,			

Organization and Location	Scheme	Accreditation No.	New Accreditations	Scopes Extension	Suspension	Withdrawal
Mawenzi Regional Referral Laboratory, Tanzania	Medical to ISO 15189:2012	MED 084	Mycobacteriology, Blood Bank, Parasitology, Serology			
Namanyere Designated Dist. Lab, TZ	Medical to ISO 15189:2012	MED 085	Mycobacteriology, Blood Bank, Parasitology, Serology			
University of Zimbabwe – Clinical Trial Research Centre	Medical to ISO 15189:2012	MED 086	Clinical Chemistry, Haematology, Molecular Biology, Serology			
Mnazi Mmoja Hospital Laboratory, Tanzania	Medical to ISO 15189:2012	MED 087	Mycobacteriology, Blood Bank, Parasitology, Serology			
Ocean Road Cancer Institute, Tanzania	Medical to ISO 15189:2012	MED 088	Blood Bank, Parasitology, Serology			
Rubya District Designated Hospital, Tanzania	Medical to ISO 15189:2012	MED 089	Mycobacteriology, Blood Bank, Parasitology, Serology			
Musoma Regional Referral Hospital	Medical to ISO 15189:2012	MED 090	Mycobacteriology, Parasitology, Serology			
Churches Health Association of Zambia	Medical to ISO 15189:2012	MED 091	Molecular Biology			
Bukoba Regional Referral Hospital	Medical to ISO 15189:2012	MED 092	Mycobacteriology, Molecular Biology, Blood Bank, Parasitology, Serology			
NIP – Outapi Laboratory	Medical to ISO 15189:2012	MED 093	Mycobacteriology, Molecular Biology			
Levy Mwanawasa University Teaching Hospital Laboratory, Tanzania	Medical to ISO 15189:2012	MED 094	Mycobacteriology, Blood Bank, Molecular Biology, Parasitology, Serology			
St Walburg's Nyangao Referral Hospital, Tanzania	Medical to ISO 15189:2012	MED 095	Mycobacteriology, Blood Bank, Parasitology, Serology			
Scottish Livingstone Hospital Laboratory	Medical to ISO 15189:2012	MED 096	Clinical Chemistry, Mycobacteriology, Blood Bank, Haematology, Immunology, Molecular Biology, Serology			
Tarime District Hospital Laboratory, Tanzania	Medical to ISO 15189:2012	MED 097	Mycobacteriology, Parasitology Serology			
Tumbi Regional Referral Hospital, Tanzania	Medical to ISO 15189:2012	MED 098	Mycobacteriology, Microbiology, Serology, Blood Bank, Parasitology			
Gaborone Private Hospital/ Lancet Laboratory, Botswana	Medical to ISO 15189:2012	MED 043		Endocrinolo- gy, Molecular Biology, Serology		
Botswana Harvard HIV reference	Medical to ISO 15189:2012	MED 031		SARS-CoV-2		
Ifakara Health Institute Laboratory, Tanzania	Medical to ISO 15189:2012	MED 099	Mycobacteriology, Haematology, Immunology, Molecular Biology, Clinical Chemistry			
Gwanda Provincial Hospital Laboratory, Zimbabwe	Medical to ISO 15189:2012	MED 100	Molecular Biology			

Organization and Location	Scheme	Accreditation No.	New Accreditations	Scopes Extension	Suspension	Withdrawal
Bindura Provincial Hospital Laboratory, Zimbabwe	Medical to ISO 15189:2012	MED 101	Molecular Biology			
Tanzania Plant Health Authority	Testing to ISO/ IEC 17025:2017	TEST-5 0065	Chemical, Plants and pesticides			
Industrial Services Limited, Namibia	Testing to ISO/ IEC 17025:2017	TEST-5 0066				
Conco Ltd, Eswatini	Testing to ISO/ IEC 17025:2017	TEST-5 0067				
Government Chemist Laboratory Authority, Tanzania	Testing to ISO/ IEC 17025:2017	TEST-5 0068				
Tanzania Veterinary Lab	Testing to ISO/ IEC 17025:2017	VET 007				
Alfred H Knight, Zambia	Testing to ISO/ IEC 17025:2017	TEST-5 0069				
NSI Certification	Certification to ISO/IEC 17021-1 (ISO/TS 22003:2013)	FSMS-CERT 002		Food Safety Management System		
	Certification to ISO/IEC 17021-1	HACCP-CERT 002				
Tanzania Bureau of Standards Management System Certification	Certification to ISO/IEC 17021-1 (ISO/IEC 17021- 3:2017)	QMS-CERT 004	Quality Management Systems			
	Certification to ISO/IEC 17021-1 (ISO/TS 22003:2013)	FSMS- CERT-003	Food Safety Management System			
	Certification to ISO/IEC 17021-1	HACP- CERT-003	HACCP			

STATUS OF KEY ACCREDITATION STANDARDS AND ILAC/IAF/SADCA/AFRAC DOCUMENTS

STANDARD	STATUS
ISO/IEC TS 17021-13:2021- Conformity assessment — Competence requirements for auditing and certification of compliance management systems (CMS)	International Standard Published
ISO CD 15189:2012 Medical Laboratories – Requirements for quality and competence	DIS ballot initiated: 12 weeks
ISO/IEC 17021-1:2015 - Conformity assessment — Requirements for bodies providing audit and certification of management systems — Part 1: Requirements	International Standard Confirmed
ISO/IEC TS 17023:2013 - Conformity assessment — Guidelines for determining the duration of management system certification audits	Close of review
ISO/IEC 17040:2005 Conformity assessment - General requirements for peer assessment of conformity assessment bodies and accreditation bodies	Close of review

STANDARD	STATUS
ISO/IEC 17043:2010 - Conformity assessment — General requirements for proficiency testing	International Standard to be revised
ISO/IEC 17050-1:2004 Conformity assessment - Supplier's declaration of conformity Part 1: General requirements	International standard confirmed
ISO/IEC 17050-2:2004 Conformity assessment - Supplier's declaration of conformity Part 2: Supporting documentation	International standard confirmed
ISO/IEC 17060:2022 - Conformity assessment — Code of good practice	International Standard Published
ISO/IEC 17067:2013 Conformity assessment – Fundamentals of products certification and guidelines for product certification schemes	Close of review
ISO 22003-1 Food Safety Management Systems - Requirements for bodies providing audit and certification of food safety management systems - Part 1: Requirements for bodies providing audit and certification of food safety management systems	FDIS not required. Progressed to publication. Publication to coincide with the World Food Safety Day on 7 June 2022
ISO 22003-2 Food Safety Management Systems - Requirements for bodies providing audit and certification of food safety management systems - Part 2: Requirements for bodies providing evaluation and certification of products, processes and services including an audit of the food safety system.	FDIS not required. Progressed to publication. Publication to coincide with the World Food Safety Day on 7 June 2022
ISO/DIS 45002 - Occupational health and safety management systems - General guidelines on implementation of ISO 45001:2018	Close of Voting
P003-03 - SADCA Document Control Procedure	Issue No.3 This document was prepared by the SADCA Secretariat and approved by the Executive Committee . This document outlines the procedure for the drafting, formatting, classification, approval, control, publication, review and maintenance of all SADCA documents classified as Administrative documents, Forms, Guidance Documents, MRA Publications, Procedures or Technical Publications. Issue and application date: 20 January 2022
ILAC G24:2007 / OIML D10 - Guidelines for the determination of calibration intervals of measuring instruments – under revision with OIML	A final draft was circulated and commented on early November 2020 and it is expected to be ready for ballot in both OIML and ILAC first half of 2021
IAF MD 10: 2013 IAF Mandatory Document for Assessment of Certification Body Management of Competence in Accordance with ISO/IEC 17021:2011	Withdrawn, as ISO/IEC 17021: 2011 was revised and superseded by ISO/IEC 17021-1: 2015
IAF MD 11:202X IAF Mandatory Document for the Application of ISO/IEC 17021-1 for Audits of Integrated Management Systems (Draft Issue 2)	60-day comment period closed on 10 January 2022
IAF MD16:2015 Application of ISO/IEC 17011 for the Accreditation of Food Safety Management Systems (FSMS) Certification Bodies	IAF TC members for 30-day comment
IAF MD 4:2018 IAF Mandatory Document for the use of Information and Communication Technology (ICT) for Auditing/Assessment Purposes	Issue 2 Version 2 published 03 August 2021 with updated links to the new IAF website. Issue 2, Version 3 published 01 February 2022 to correct an editorial error in Issue 2, Version 2. The application date remains unchanged from Issue 2, Version 1 (04 July 2019) due to the versions 2 and 3 having only editorial changes.
IAF MD 24:2021 Transition Requirements for ISO 50003:2021	Issue 1 published 08 December 2021, with an application date of 08 December 2021
IAF MD 25:2022 Criteria for Evaluation of Conformity Assessment Schemes	Issue 1 published 07 January 2022 with an application date of 07 January 2024.
IAF MD 9:2022 Application of ISO/IEC 17021-1 in the Field of Medical Device Quality Management Systems (ISO 13485)	Issue 4 published on 01 February 2022 with an application date of 01 February 2023.

STANDARD	STATUS
IAF-Foundation FSSC Agreement – Endorsement of the FSSC 22000 Certification Scheme	A new version of this MLA Agreement has been published to reflect Foundation FSSC's name change from Foundation FSSC 22000 to Foundation FSSC.
IAF MD 21:2022 Requirements for the Migration to ISO 45001:2018 from OHSAS 18001:2007	Issue 1, Version 3 published 01 February 2022 to correct an editorial error in Issue 1, Version 2. The application date remains as specified in Issue 1, Version 1 (March 2018) due to versions 2 and 3 only editorial changes.

DIARY OF UPCOMING EVENTS

Dates	Meetings	Venue
2022/03/01 - 2022/03/03	2 nd International DCC Conference	Virtual
2022/04/04	SADCA Certification Subcommittee Meeting	Virtual
2022/04/05	SADCA Inspection Subcommittee Meeting	Virtual
2022/04/06	SADCA Testing Subcommittee Meeting	Virtual
2022/04/07	SADCA Marketing and Communication Committee Meeting	Virtual
2022/04/08	SADCA Technical Committee Meeting	Virtual
2022/04/11	SADCA MRA Committee Meeting	Virtual
2022/04/13	SADCA MRA Council Meeting	Virtual
2022/05/16 - 2022/05/19	8th International Metrology Conference	Morocco
ТВА	SADCA Exco Meeting	Virtual
ТВА	SADCA General Assembly	Virtual
2022/05/30 - 2022/06/03	AFRAC 2022 Meetings	Virtual
2022/09.26 - 2022/09/30	13th AFRAC General Assembly Meetings	Virtual
2022/04/12	ILAC ARC Meeting	Virtual
2022/04/14	IAF TC Meeting (1st meeting)	Virtual
2022/04/19	ILAC AIC Meeting	Virtual
2022/04/20	ILAC IC Meeting	Virtual
2022/04/21	IAF TC meeting (2 nd)	Virtual
2022/04/25	JDSC Meeting	Virtual
2022/05/9 - 2022/05/13	SADC TBT Cooperation Structures Meetings	Virtual
2022/05/23 - 2022/05/25	SADC TNF Meeting	Virtual
June 2022	SADC SO Meetings	Virtual
June 2022	SADC CMT Meeting	Virtual

TRAINING CALENDAR FOR THE PERIOD 01 APRIL 2022 TO 31 MARCH 2023

No.	Course	Date(s)	Venue (Country/City)	Fees Per Person (BWP)	Fees Per Person (USSD)
1.	ISO/IEC 17025:2017 Awareness	21 April 2022	Botswana (Virtual)	Inhouse	-
2.	ISO/IEC 17025:2017 Awareness	22 April 2022	Botswana (Virtual)	Inhouse	-
3.	ISO/IEC 17025:2017 Requirements and Internal Auditing	25-29 April 2022	Botswana (Virtual)	Inhouse	-
4.	ISO/IEC 17025:2017 Requirements and Internal Auditing	16 - 20 May 2 022	Gaborone, Botswana	11,340.00	
5.	ISO 15189:2012 Requirements and Internal Auditing	13 - 17 June 2022	Open Course (Virtual)		550.00

No.	Course	Date(s)	Venue (Country/City)	Fees Per Person (BWP)	Fees Per Person (USSD)
5.	ISO 15189:2012 Requirements and Internal Auditing	13 - 17 June 2022	Open Course (Virtual)		550.00
6.	ISO 15189:2012 Requirements and Internal Auditing	20 - 24 June 2022	Seychelles (Virtual)	-	Inhouse
7.	ISO/IEC 1702 1-1:201 5 Requirements and Internal Auditing	04-08 July 2022	Open Cou rse (Virtual)	-	550.00
8.	ISO/IEC 17025:2017 Requirements and Internal Auditing	25-29 July 2022	Gaborone, Botswana	11,340.00	-
9.	ISO/IEC 17025:2017 Requirements and Internal Auditing	25-29 July 2022	Open Course (Virtual)	-	550.00
10.	ISO/IEC 170 65:201 2 Requirements and Internal Auditing	08-12 August 2022	Open Course (Virtual)	-	550.00
11.	Method Validation & Measurement Uncertainty	08-12 August 2022	Open Cour se (Virtual)	-	750.00
12.	ISO/IEC 17025:2017 Requirements & Internal Auditing	05-09 September 2022	Windhoek, Namibia	-	1,100.00
13.	ISO/IEC 17025:2017 Requirements & Internal Auditing	05-09 September 2022	Mbabane , Eswatini	-	1,100.00
14.	ISO/IEC 17025:2017 Requirements & Internal Auditing	12 - 16 September 2022	Open Co urse (Virtual)	-	550.00
15.	ISO/IEC 17025:2017 Requirements & Internal Auditing	10 -14 October 2022	Maseru, Lesotho	-	1,100.00
16.	ISO/IEC 17025:2017 Requirements & Internal Auditing	24-28 October 2022	Harare, Zimbabwe		850.00
17.	ISO/IEC 17025:2017 Requirements and Internal Auditing	07-11 November 2022	Lubumbashi, DRC	-	1,100. 00
18.	ISO 15189:2012 Requirements and Internal Auditing	21 - 25 No vember 2022	Lusaka, Zambia	-	900.00
19.	ISO/IEC 1702 0:201 2 Requirements and Internal Auditing	23-27 January 2023	Open Course (Virtual)	-	550.00
20.	ISO/IEC 17025:2017 Requirements & Internal Auditing	06-10 February 2023	Open Course - Angola & Mozambique (Virtual)	-	550.00
21.	Method Validation & Measurement Uncertainty	13 - 17 February 2023	Open Course (Virtual)	-	750.00
22.	ISO/IEC 170 25:2017 Requirements and Internal Auditing	13 -17 February 2023	Open Course - Malawi & Tanzania (Virtual)	-	550.00

THE BUSINESS BENEFITS OF STANDARDS AND ACCREDITATION

There are many cases where standards and accredited conformity assessment help businesses of any size and sector reduce costs, increase productivity and access new markets. They can help to:

- Build customer confidence that your products are safe and reliable;
- Meet regulation requirements, at a lower cost;

- Reduce costs across all aspects of your business; and
- Gain market access across the world.

Business Benefits www.business-benefits.org is a website jointly developed by the International Accreditation Forum (IAF), ILAC, International Organization for Standards (ISO), Independent International Organisation for Certification (IIOC), and International Certification Network (IQNet), that showcases these benefits through case studies, research papers, and supporting materials. The examples published on the site cite tangible financial data to evidence the cost savings achieved whether through resource efficiency or meeting regulation at lower cost, the value of accessing new markets, or savings achieved through recognition from organisations such as insurers, regulators or purchasers. The site contains case studies from multinationals such as IBM, Chrysler, and Hitachi to national companies such as Aberdare Cables and Pretoria Portland Cement Company.















The site was launched in October 2017 at the ILAC and IAF conference in Vancouver. Additional case studies will be added in due course to ensure that the site can be a valuable resource to promote the use of standards and accreditation to the business community. The site aims to mirror the success of **Public Sector Assurance**, a similar site that promotes the value of accreditation to policy makers.

