

# MAURITIUS STANDARDS BUREAU

## ANNUAL REPORT

2011



<b>Table of contents</b>	i - ii
<b>OVERVIEW</b>	
Introduction	1
<b>PERFORMANCE REPORT FROM THE DIRECTOR</b>	2-3
<b>CORPORATE GOVERNANCE REPORT</b>	4
Corporate Governance	4
<b>Legislation</b>	4
Standards Council	4
Mandate of the Mauritius Standards Bureau	5
Strategic plan 2008 - 2012	5
Vision Mission Statement and Quality Policy	5
Vision	6
Mission Statement	6
Quality Policy	7
<b>Composition of the Standards Council</b>	7
<b>Standard Council Extended Committees</b>	7
The Human Resource Committee	7
The Finance Committee	7
The Audit Committee	8
The Risk Management Committee	8
<b>Standards Council Member's Remuneration</b>	8
<b>Procurement of goods and services</b>	9
Donation	9
Code of Ethics	9
Related Party Transaction	9
<b>STATEMENT OF RESPONSIBILITIES OF MEMBERS OF THE STANDARDS COUNCIL OF MAURITIUS STANDARDS BUREAU</b>	10
Risk Management	10
Governance	10
<b>STATEMENT OF MEMBERS OF THE STANDARDS COUNCIL OF MSB ON INTERNAL CONTROL</b>	11

<b>Table of Contents</b>	<b>Page</b>
<b>OPERATIONAL ACTIVITIES</b>	<b>12 - 16</b>
<b>Standards Development</b>	<b>13</b>
Promotion of Standards	14
Quality Assurance	14
Product Certification – MAURICERT	14
Accreditation of Management Systems	15
Training Courses	15
Quality Awareness	15
Verification of Conformity documents	15
Documentation and Information Centre	16
Metrology Unit	16
<b>LABORATORY TESTING SERVICES</b>	<b>17 - 24</b>
Testing and related Services	18
The Chemical Technology Laboratory	19
Food Microbiology Laboratory	20
Food and Agriculture Laboratory	21
Fibre Technology Laboratory	22
Mechanical Engineering Laboratory	23
Non Destructive Testing section (NDT)	23
Electrical and Electronics Engineering Laboratory	24
Civil Engineering Laboratory	24
<b>Financial Statements 2011</b>	<b>25 - 65</b>

## OVERVIEW

### Introduction

The Mauritian economy is steadily opening itself to international competition bringing in its wake new opportunities and challenges. Many economic sectors are under close scrutiny to re-engineer their competitiveness through quality improvements with a view to unlocking new overseas markets as well as establishing their position on the domestic market. It is widely recognized that one of the underpinnings favouring international competitiveness and international trade is a reliable and traceable measurement system, an accredited conformity assessment structure, a transparent and consensual standardization infrastructure and a widely recognized accreditation system. These are the four pillars of what is commonly termed as the Mauritian Quality Infrastructure. The Mauritius Standards Bureau is an integral part of the Mauritian Quality Infrastructure.

The Mauritius Standards Bureau is a parastatal body operating under the aegis of the Ministry of Industry, Commerce and Consumer Protection. It was created in 1975 with the mandate to develop national standards and provide conformity assessment services. The Bureau became a corporate body under the Mauritius Standards Bureau Act 1993 with decision making authority vested upon a Board namely the Standards Council. The change of status brought in its wake a new dynamism. The organizational structure was revamped to accompany the new strategic intents of the Bureau. Consequently, five separate and distinct technical divisions were created namely the Standards Development Unit for the elaboration of standards, the Engineering Unit and the Chemical Unit for the testing of products, the Quality Assurance Unit for product and management systems certification and the Metrology Unit for the calibration of equipment in industry and for the custody of national measurement standards. In addition the Business Development Unit, the Documentation and Information Centre, the Finance Division, the Human Resource Division and the Administrative Division were restructured to provide support to the technical divisions.

Today, the Mauritius Standards Bureau can boast of having a traceable and scientifically based comprehensive measurement system, an efficient and effective standards development process to develop standards and a modern conformity assessment structure which provides confidence to the stakeholders and the public in general that the certified and tested goods and services meet customers' and regulatory requirements.

## PERFORMANCE REPORT FROM THE DIRECTOR

2011 was a watershed year for the Mauritius Standards Bureau. Notwithstanding the looming challenges in the domestic front and international arena, the Bureau contributed fully to underpin the industrial development and economic growth of Mauritius through the timely delivery of Standardization and its spin-off activities such as Metrology, Testing, Certification and Training. The Mauritius Standards Bureau also strengthened its leverage at the regional and international levels by engaging more prominently in MSTQ (Metrology, Standards, Testing, Quality Assurance) activities organized by international standards bodies and regional trading blocs.

MSB continued to provide technical support to several private and public institutions in enhancing occupational health and safety, ensuring food safety, improving product and service quality, upgrading public safety and mitigating environmental impacts.

Further, MSB participated in the Collaborative Mauritius initiative to formalise and boost cooperation among local institutions to share knowledge, develop partnership and foster innovation in areas of national interest.

At the regional level, MSB participated actively in cooperation activities for harmonisation of standards and capacity building in the field of Standards, Quality Assurance, Testing and Metrology both at the level of SADC and COMESA. MSB also hosted the annual General Assembly of the SADC Waterlab Association and the 8<sup>th</sup> SADC Water Proficiency Testing Evaluation Workshop in November 2011. Under the Bilateral Agreement with Seychelles, training attachment was provided to four officers of the Seychelles Bureau of Standards in the field of laboratory testing and metrology.

At the international level, MSB participated in the 34<sup>th</sup> ISO General Assembly meeting which was held in New Delhi in September 2011. MSB also entered into a memorandum of understanding with the Association Francaise de Normalisation (AFNOR) to cooperate in the field of Standardization within the relevant international framework.

During the period under review, the demand for standards witnessed an exponential rise indicating clearly that standards are becoming key strategic and operational tools. Fifty-nine standards were developed with special emphasis placed on standards to support the green policies of the Government as highlighted in the Maurice Ile Durable Programme. Standards on energy management systems, energy efficiency and labelling are worth mentioning.

The World Standards Day was celebrated on 14 October 2011 by holding a workshop to sensitise our stakeholders on the impact of standards and to diffuse the message of ISO/IEC/ITU on the theme “ International Standards : Creating Global Confidence”.

The World Quality Day was celebrated on 10 November 2011 on the theme “In Search for Excellence” to sensitise our stakeholders on Quality and Excellence. Presentations were made by two Chief Executive Officers and other quality experts on the theme followed by a panel discussion on the role of institutions, the Government and the Bureau in assisting organisations in their quest for Excellence.

MSB has taken the initiative to undertake the first study in Mauritius on the Economic Impact of Standards at enterprise level. The Bureau benefited from technical assistance from the International Standardization Organisation (ISO) for this project which started in October 2011 and is expected to be completed in March 2012.

In line with the Bureau's accreditation strategy, we have not only maintained the accreditation of seven laboratories, but expanded the scope of accreditation of our testing services in view of better supporting our stakeholders.

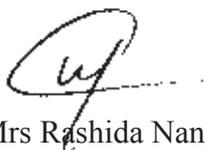
MSB took another important initiative, this time in the field of laboratory operations and management. With the recurring problems that local laboratories face in connection with the supply and maintenance of equipment, access to laboratory reagents, training and proficiency testing services, MSB started the preparatory work in collaboration with representatives of other local laboratories to set up a National Laboratory Association with a view to promoting better cooperation among them.

To support the technical regulatory framework of Mauritius, the Bureau has taken the responsibility of the Secretariat of the National Steering Committee on Technical Regulations. The Committee met twice in 2011 and produced a set of guidelines for good technical regulations.

In the field of conformity assessment, the performance of the Bureau was quite good during the period under review. The laboratories issued 8 330 test/calibration reports from 1 January to 31 December 2011 compared to 7 922 in the previous year. The number of MAURICERT product licenses increased from 52 to 59 while the number of ISO 9001 certificates of registration increased from 67 to 74. The number of certificates of registration under the Food Safety Management System Certification Scheme increased from eight to eleven.

The total revenue from rendering of services of the Bureau increased from Rs 21.7m in 2010 to Rs 23.2m in 2011, representing a 6.5 % increase.

In view to continuously build capacity, nine officers were given the opportunity to attend training courses/workshops abroad in the fields of Social Responsibility, Standardisation, Certification, Non Destructive Testing and Marketing of Standards. Four Officers were trained in energy audit and they would be called upon to operate the Energy Auditor Certification Scheme to support the Energy Audit Management Scheme set up by Government.



Mrs Rashida Nanhuck  
Acting Director  
Mauritius Standards Bureau

## CORPORATE GOVERNANCE REPORT

### Corporate Governance

This section highlights the corporate governance at the Mauritius Standards Bureau in compliance with the Code of Corporate Governance for Mauritius and in pursuant with the Financial Reporting Act 2004 as subsequently amended. The corporate governance report describes the corporate governance structure set up at MSB and it outlines, among others, the control mechanisms established within the organization to enhance accountability, transparency, integrity and responsibility.

### Legislation

The Mauritius Standards Bureau was established in 1975 as the technical wing of the Ministry of Commerce and Industry. It became a corporate body in 1993 under the Mauritius Standards Bureau Act 1993. The new legal framework extended the scope of activities of the organization and vested executive powers to the Standards Council. The Mauritius Standards Bureau currently operates under the aegis of the Ministry of Industry, Commerce and Consumer Protection.

### Standards Council

The Standards Council consists of members from the industry, scientific and academic institutions, consumer organization and professional bodies. The constitution of the Standards Council is as follows:

- a Chairperson, nominated by the Minister responsible for the subject of industry;
- a representative of the Ministry responsible for the subject of industry;
- a representative of the Ministry responsible for the subject of Consumer Protection;
- a representative of the University of Mauritius;
- a representative of the Mauritius Chamber of Commerce and Industry;
- a representative of the Institution of Engineers (Mauritius);
- a representative of the Mauritius Employers' Federation;
- three members appointed by the Minister, one of whom shall be a member from a consumer organization.

The composition of the Standards Council is given on page 7.

The Standards Council formulates the general policies and strategies of the Bureau while the Director is responsible for executing them and managing the day-to-day activities of the organization.

## **Mandate of the Mauritius Standards Bureau**

The main statutory objects of the Bureau are to:

- promote and encourage standardization and quality assurance in industry and trad
- prepare, frame, amend and revise standards;
- conduct tests on materials and other products;
- hold and maintain the national measurement standards;
- calibrate the secondary measurement standards;
- test precision instruments and measuring apparatus so as to determine their degree of accuracy and to calibrate them;
- assess management system for compliance to international standards;
- control the use of the certification mark; and
- provide training courses in standardization, quality assurance and related subjects

## **Strategic Plan 2008 – 2012**

The Strategic Plan 2008-2012 maps out the various pathways to transform the Bureau into an effective, efficient and financially sustainable organization and also purports to support the economic and industrial policies of the Government. The main thrusts of the Strategic Plan are to:

- provide the necessary underpinnings to emerging growth poles such as the fish and fish product sector, the renewable energy sector, the biotechnology sector as well as support the concept of ethical trade;
- consolidate existing type activities with a renewed frame on value-addition activities of the manufacturing sector;
- extend the range of certification and testing services;
- maintain the existing accreditation status of MSB's laboratories and to extend the scopes of accreditation;
- re-engineer the activities to factor in parameters such as cost reduction, and high revenue generation;
- revamp the training activities, and
- develop capacity and capability in order to keep abreast of technological changes.

The Strategic Plan is embedded in an annual Programme Based Budget with defined outputs and outcomes. The programmes for 2011 as highlighted in the Programme Based Budget are:

- Policy and Management at MSB
- Support to Government and Industry in Standard and Measurement Traceability
- Conformity Assessment and Training Services

## **Vision, Mission Statement and Quality Policy**

The Bureau has spelt out a vision, mission statement and quality policy with the twin objectives of re-orienting the organization in the emerging turbulent environment and of excelling in the delivery of Metrology, Standards, Testing and Quality Assurance (MSTQ) and related services.

### **Vision**

To be the Centre of Excellence in Standards, Metrology and Conformity Assessment Services.

### **Mission Statement**

To promote and provide market relevant Standards, Metrology and internationally recognized Conformity Assessment Services for the Business Community, Government and Society at large.

### **Quality Policy**

MSB's policy is to promote and provide market relevant standards, and internationally recognized conformity assessment services to all sectors of the economy in order to enhance competitiveness of both private and public institutions in meeting the challenges of globalization.

MSB commits itself to good professional practice and to the quality of its services

MSB understands the importance of impartiality in carrying out its activities, manages conflict of interest and ensures the objectivity of its activities

MSB commits itself to continually improve and upgrade its internal system and optimize its resources in order to add value to the services provided

All staff of MSB including support services concerned with conformity assessment services should ensure that they familiarize themselves with the quality documentation system and implement the policies and procedures in their works

MSB ensures that it meets the requirements of its customers and safeguards the confidentiality of its clients' information

## Composition of the Standards Council

Ms V R Bunwaree	Chairperson
Mr Y S Munbodh (Replaced By Mr R Bheekhoo as from 20 December 2011)	Ministry of Industry, Commerce and Consumer Protection (Commerce Division)
Mr M Veeramootoo	Appointed by Minister
Mr I A Tarsoo	Appointed by Minister
Dr H Ramasawmy	University of Mauritius
Mr R Moolye	Ministry of Industry, Commerce and Consumer Protection (Industry Division )
Dr D K Hurreeram	Institution of Engineers (Mtius)
Mr H Jhumka (Replaced By Mr A Kaidoo as from June 2011)	Mauritius Chamber of Commerce and Industry
Mr S W L K Ah Kim	Appointed by Minister
Dr V S Ragoobur	Mauritius Employers' Federation

During the period 1 January to 31 December 2011 the Standards Council met eight times.

## Standards Council Extended Committees

The Standards Council has reconstituted the Human Resource Committee, the Finance Committee, and has set up two new committees namely the Audit Committee and the Risk Management Committee. The membership of these committees are given below:

### The Human Resource Committee

Mr R Moolye	- Chairperson
Mr Y S Munbodh	- Council Member
Mr M Veeramootoo	- Council Member
Dr D K Hurreeram	- Council Member

The Human Resource Committee met six times during the period.

### The Finance Committee

Mr R Moolye	- Chairperson
Dr V S Ragoobur	- Council Member
Mr Y S Munbodh	- Council Member

The Finance Committee met four times during the period.

The Audit Committee

- Mr I A Tarsoo - Chairperson
- Mr M Veeramootoo - Member
- Mr Anwar Kaidoo - Member

The Audit Committee held two meetings during the period.

The Risk Management Committee

- Mr A Kaidoo - Chairperson
- Mr I A Tarsoo - Member
- Mr K Ramful - Member

The Risk Management Committee held one meeting in 2011.

**Standards Council Members' Remuneration**

The fees paid to the Chairperson and Council Members are in accordance with the recommendations of the Pay Research Bureau. The Chairperson of the Standards Council was paid Rs 21 000 per month.

The total fees paid to the Chairperson of the Standards Council and to the Members are given below for the period 2011:

	Total amount paid (Rs)
Ms Varuna Bunwaree	252 000
Mr R Moolye	31 700
Mr S Y Munbodh	17 000
Mr H Jhumka	3 000
Mr I A Tarsoo	6 300
Mr S Ah Kim	-
Dr D K Hurreeram	12 000
Dr V S Ragoobur	10 000
Dr H Ramasawmy	5 000
Mr M Veeramootoo	11 500
Mr Anwar Kaidoo	6 000

## **Procurement of goods and services**

The procurement of goods and services is conducted in accordance with the Public Procurement Act 2006. There is a 3-tier structure established within the organization to ensure compliance with procurement regulations and guidelines. The first-tier consists of a Departmental Tender Committee which is responsible for the opening of bids and the constitution of the Bid Evaluation Committee comprising at least three staff members from the relevant divisions. These assessors evaluate the bids as per pre-determined criteria and submit their findings to the Departmental Tender Committee. This committee screens the findings and submits their reports to the Finance Committee which comprises three Board members. The Finance Committee makes their recommendations to the Standards Council for approval.

During the period 1 January 2011 to 31 December 2011 the Bureau awarded five contracts for sum of Rs 11 269 937.

## **Donation**

No donation was effected during the year.

## **Code of Ethics**

The Mauritius Standards Bureau has set up a Code of Ethics and Standard of Business Practice for its staff. The aim of the document is to provide guidelines for ethical behaviour and good corporate practices.

The Bureau also provides a safe workplace for its staff together with a medical scheme and an insurance cover.

## **Related Party Transaction**

There has not been any related party transaction during the year.

## STATEMENT OF RESPONSIBILITIES OF MEMBERS OF THE STANDARDS COUNCIL OF MAURITIUS STANDARDS BUREAU

The members of the Standards Council of Mauritius Standards Bureau acknowledges its responsibilities for:

- adequate accounting records and maintenance of effective internal control systems;
- the preparation of financial statements which fairly present the state of affairs of the Mauritius Standards Bureau as at the end of the financial year and the results of its operations and cash flows for that period and which comply with International Public Sector Accounting Standards (IPSAS); and
- the selection of appropriate accounting policies supported by reasonable and prudent judgements.

The Director of Audit of the National Audit Office is the external auditor responsible for an independent opinion on whether the financial statements show a true and fair view in accordance with the MSB Act and the Financial Reporting Act 2004.

### **The members of the Standards Council of Mauritius Standards Bureau report that:**

- adequate accounting records and an effective system of internal controls have been maintained;
- appropriate accounting policies supported by reasonable and prudent judgements and estimates have been used consistently;
- applicable accounting standards have been adhered to; and
- the code of Corporate Governance as applicable to State-Owned Enterprises has been adhered.

### **Risk Management**

The members of Standards Council of the Mauritius Standards Bureau are made fully aware of the various issues and risks affecting the activities of the Mauritius Standards Bureau. The members of the Standards Council of Mauritius Standards Bureau are responsible for taking appropriate action to mitigate these risks using such measures, policies and procedures and other controls that they deem fit.

### **Governance**

The members of the Standards Council of MSB endeavour to apply principles of good governance at the level of the Mauritius Standards Bureau.



**Mr Elam Lallmahomed**  
Chairman, Standards Council of MSB  
19 October 2012



**Dr V. S Ragoobur**  
Member, Standards Council of MSB  
19 October 2012

## STATEMENT OF MEMBERS OF THE STANDARDS COUNCIL OF MSB ON INTERNAL CONTROL

The members of the Standards Council of the Mauritius Standards Bureau acknowledge its responsibility for the setting up of adequate system of internal controls and for the setting up of appropriate policies to provide reasonable assurance that the control objectives have been attained. The activities are closely monitored by the members of the Standards Council of the Mauritius Standards Bureau and procedures and policies are well documented and consistently applied. Management has the relevant experience and skills to ensure proper running of the Mauritius Standards Bureau.

An Internal Auditor has been recruited to strengthen the internal control of accounting and related procedures. Furthermore, an effective and efficient system has been established, which includes:

- Proper segregation of duties whereby the different functions in process are crosschecked and verified.
- Expenditure limits for the executive Director has been fixed by the Standards Council of MSB and all purchases are duly authorized by the appropriate instances.
- Follow up and implementations of recommendation of the Director of Audit in order to improve the process and ensure proper accountability, is regularly adhered to.
- Adequate supervision of duties performed by staff members by Executive Director.
- The assets of the Mauritius Standards Bureau are properly safeguarded.
- All cheques issued by the Mauritius Standards Bureau are signed by two authorised signatories.



**Mr Elan Lallmahomed**  
Chairman, Standards Council of MSB  
19 October 2012



**Dr V. S Ragoobur**  
Member, Standards Council of MSB  
19 October 2012

# Operational activities

## STANDARDS DEVELOPMENT

During the period under review the demand for standards from the economic operators, the Government, the regulators and the consumer organizations increased exponentially. The Standards Development Unit adopted a two-pronged approach to drive efficiency and effectiveness of the standards development processes. First and foremost, the management of the standards development activities was improved. The committee works were tightened and streamlined with rigorous time-tables set for the standards development projects. In addition, information technology systems and tools were increasingly utilized to reduce the turnaround time for standards development. The Standards Development Unit also reviewed its committee structure and set up thirteen standards committees for the formulation of standards in various technological areas, such as building and construction, chemical technology, information technology, electrical engineering, food technology, mechanical engineering, metrology, textile and footwear, environmental management, energy management, quality management, social security and welfare and conformity assessment.

The Standards Committees and Sub-committees held 87 meetings and developed 59 standards bringing the portfolio of Mauritian Standards to 359. The general policy of the Standards Development is to adopt mature standards from international and foreign standards bodies.

Some of the newly developed standards have provided the economic operators with a window of opportunities for technology improvement and adoption of international best practices. The Standards Development Unit has also been an early adopter of standards and normative documents that underpin the green strategies and health and safety policies of the Mauritian Government. Some of the standards developed during the year under review are listed hereunder:

MS ISO 7301: 2011	Rice – Specifications
MS EN 81-3: 2000	Safety rules for the construction and installation of lifts – Part 3: Electric and hydraulic service lifts
MS 177: 2011	Basmati rice – Specifications
MS 168: 2011	Standard for tomatoes
MS 170: 2011	Standard for potatoes
MS ISO 50001: 2011	Energy Management Systems – Requirements with guidance forums
MS IEC 60335-2-5:2002	Household and similar electrical appliances – Safety – Part 2-5
MS 204: 2011	Energy efficiency and labeling requirements – Household electric ovens
MS 1-1: 2011	The National Flag – Part 1: Specifications
MS ISO 26000: 2010	Guidance for social responsibility

Several Mauritian Standards have also been referenced in various legislation to enhance the safety and health of the consumers. Standards on toys, electric cables, carbon steel bars, lighters, PVC pipes and fittings, among others, have been declared as mandatory standards.

### **Promotion of Standards**

The Standards Development Unit maintained its Information, Education and Communication (IEC) Campaign to sensitize the economic sectors, the Government and the public in general on standards having significant trade implications or having an impact on consumers' health and safety. To this effect, the Standards Development Unit organized a workshop for the members of the Standards Committees and sub-committees with a view to disseminating information on the management of standards development works. The World Standards Day was also celebrated on 14 October 2011 and on that occasion a workshop was held to drive awareness among the stakeholders on the impact of standards.

## **QUALITY ASSURANCE**

The Quality Assurance Unit provides product certification under the MAURICERT Scheme and Management Systems Certification under its National Management Systems Certification Scheme.

### **Product Certification – MAURICERT**

MAURICERT is a third-party certification scheme under which licences to use the MSB certification mark are granted to firms when their products and processes comply with all the requirements of the relevant Mauritian Standard. The licence is granted for the period of two years and may be renewable

During the period under review eight new licences were issued bringing the total to fifty-nine. The products certified under MAURICERT Scheme include, among others, carbon steel bars, sunflower oil, edible oils and fats, bottled drinking water, emulsion paints, processed chicken and detergents.

Management Systems Certification product certification involves pre-market assessment and post-market surveillance as well as conformity testing and production monitoring under an approved Quality Plan. This provides assurance to the Mauritian consumers that the certified product is safe and secure and meets the performance characteristics.

The Quality Assurance Unit manages five management systems certification namely:

- The National Quality Management Systems Certification Scheme as per MS ISO 9001
- The National Food Safety Management System Certification Scheme as per MS 133 and MS ISO 22000.
- The Environmental Management System Certification Scheme as per MS ISO 14001
- The Information Security Management System Certification Scheme as per MS ISO 27001
- The National Occupational Health and Safety Management System Certification Scheme as per MS OHSAS 18001.

During the period under review certificates of registration under the various management systems certification schemes were granted as listed hereunder:

<i>Management System</i>	<i>New certificates issued</i>	<i>Total operative certificates</i>
Quality Management System (MS ISO 9001)	9	74
Food Safety Management Systems (MS ISO 22000)	Nil	3
HACCP – MS 133:2005	3	8
Information Security Management System (ISO 27001)	1	2

MSB's pool of auditors consists of 5 Lead Auditors and 2 Auditors.

#### **Accreditation of Management Systems**

The Quality Management Certification System (MS ISO 9001) has obtained a dual accreditation from RvA (Dutch Council for Accreditation) and from the Norwegian Accreditation Body/ MAURITAS (NORAD/MAURITAS) while the HACCP certificates scheme and ISO 27001 registration scheme have been accredited by NORAD/MAURITAS. The accreditation of the Quality Management System Certification Scheme has been renewed up to 18 December 2012 while the other two schemes have been maintained by NORAD/MAURITAS up to 12 May 2014.

#### **Training Courses**

During the year 2011, the Quality Assurance Unit organized 8 training courses namely on preparing for MS ISO 9001:2008 Assessment, Internal Auditing Techniques, Food Safety Management Systems and Hazard Analysis and Critical Control Points (HACCP). 155 participants attended the courses.

#### **Quality Awareness**

The Quality Assurance Unit delivered lectures, held workshops and awareness courses to sensitize stakeholders and the public in general of the importance of quality and motivate organization to implement the appropriate management systems in order to satisfy their customers and meet their needs.

#### **Verification of Conformity documents**

The Quality Assurance Unit was also invested with the responsibility to verify certificates of conformity accompanying controlled imported goods. About one hundred reports on certificates of conformity were issued to the relevant authorities.

### DOCUMENTATION AND INFORMATION CENTRE

The Documentation and Information Centre is a technical library and a resource centre for standards and other normative documents. The collection of standards is current Mauritian Standards as well as updated foreign and international standards. The stock is made up mainly of the whole set of International Standards, British Standards, Standards from American Society for Testing Materials (ASTM), South African National Standards (SANS), partial sets of Australian, Indian, Singapore and IEC standards as well as Normes Françaises (French Standards). The centre also houses a repository of some 2000 specialized books on management, marketing, quality, food technology and HACCP.

The Documentation and Information Centre is the National Enquiry Point for Standards, Technical Regulations and Conformity Assessment procedures. Thus it has an obligation to respond to reasonable enquiries from member states on draft and technical regulations, standards and conformity assessment procedures and to manage the information exchange systems on these issues. The aim is to remove technical barriers to trade and to influence the contents of draft regulations on member states of WTO.

The Documentation and Information Centre is also the secretariat for the National Steering Committee for Technical Regulations whose objective is to encourage and provide a unitary approach to the formulation of technical regulations and for the diffusion of information on technical regulations.

### METROLOGY UNIT

The Metrology Unit provides calibration services to enable measurements in industry to be traceable to the national primary standards and eventually to international standards. The Metrology Unit is the custodian of the National Measurement Standards for force, mass, length, pressure, temperature, and electrical qualities such as voltage and ampere. The National Measurement Standards comprise stainless steel masses, (1 mg to 20 kg) of E2 class, a standard metre of stainless steel (1000 mm), gauge blocks, Dead-weight tester, dynamometric bridges (0 to 2000 kN), standard platinum resistance thermometer, DC voltage reference standard and standard resistors. These standards are traceable to higher internationally recognized standards and they are calibrated at regular intervals in overseas national metrology institutes.

The Metrology Unit consists of six measurement laboratories and provides calibration services in the areas of mass, dimensional measurements, pressure, force, temperature, DC voltage and electrical resistance. The calibration services may be carried out in-house as well as in-situ. A wide range of working standards and measuring instruments can be calibrated such as:

- Mass                      Automatic and non-automatic balances, weights
- Dimension              Micrometers, calipers, measuring tapes, rulers, thickness gauges
- Temperature            Liquid-in glass thermometers, thermocouples, temperature gauges, cold rooms, ovens, furnaces, digital thermometers
  
- Pressure                 Pressure gauges and vacuum gauges
- Force                     Compression and tensile testing machines
- Electricity                Multimeters, ammeters, resistors

The calibration laboratories have been accredited by the South African National Accreditation Services (SANAS) and MAURITAS (Mauritian Accreditation Service) for eight calibration scopes.

The Metrology Unit of the Bureau is an Associate Member of the International Bureau of Weights and Measures (Bureau International des Poids et Mesures, BIPM). This membership is a means to promote the international recognition of the measurement system in Mauritius.

During the year under review the Laboratories issued 897 calibration reports.



# LABORATORY TESTING SERVICES

## **TESTING AND RELATED SERVICES**

The testing services at MSB operate under the Chemical Unit and the Engineering Unit.

The Chemical Unit consists of the following testing laboratories:

- Chemical Technology
- Food Microbiology
- Food and Agriculture
- Fibre Technology and Textiles

The Engineering Unit comprises the following testing facilities:

- Mechanical Engineering
- Electrical and Electronics Engineering
- NDT Laboratory
- Civil Engineering

This section of the report reviews the activities of the testing facilities at MSB.

### **The Chemical Technology Laboratory**

The Chemical Technology Laboratory is endowed with state-of the art instrumentation and provides a wide range of tests using modern and advanced analytical methods and techniques such as inductively-coupled plasma optical emission spectrometry.

The Chemical Technology Laboratory undertakes highly sensitive tests for the detection of trace metals, the determination of nitrogen, sulphur, carbon and phosphorus in steel, the determination of flash-point temperature of fuel, the chemical determination of oxides in building materials and the investigation of UV-degradability of plastic (carrier bags).

The technical staff of the Laboratory also assists the relevant regulatory authority in the testing of fire-crackers and fireworks.

The Laboratory is accredited for the following scopes:

- determination of mercury content in fish
- determination of heavy metals in carbon steel bars by the inductively coupled plasma optical emission spectrometric method
- determination of carbon and sulphur contents in carbon steel bars by the infrared absorption method
- determination of total nitrogen content in carbon steel bars by the thermal conductometric method
- Determination of metals in potable water by inductively coupled plasma optical emission spectrometry.

During the period under review, it has participated in several proficiency testing and inter-laboratory comparison programmes such as FAPAS Proficiency Programme and SADC MET Water Proficiency rounds

The Chemical Technology Laboratory conducted tests on 1572 samples and issued 380 test reports in 2011

### **Food Microbiology Laboratory**

The Food Microbiology Laboratory ensures the safety and quality of food at every level of the food chain. The Food Microbiology facility is a purpose-built laboratory with adequate infrastructure and sterile environmental conditions to prevent cross-contamination during microbiological examinations. The Laboratory offers a full range of food industry microbiological tests such as food pathogen screen for *salmonella*, *Escherichia coli*, *Clostridium species*, *Staphylococcus aureus*, as well as total viable counts (TVC) of micro-organisms, yeast and moulds counts, determination of histamine and evaluation of cleaning and disinfection efficacy of food processing units and microbiological analysis of water.

The Food Microbiology facility is equipped with instrumentation such as autoclave, incubator, refrigerator, freezer, colony counter, centrifuge oven and fluoremeter. The laboratory personnel is highly competent in culture and sample preparations and in the detection, enumeration of micro-organisms and other microbial analyses.

The Food Microbiology laboratory is accredited for the determination of histamine content in seafoods, enumeration of culturable micro-organisms in water (at 22°C and 37°C, total viable count at 30 °C in food and food products and the enumeration of coagulase positive *staphylococci* in food and food products. Proficiency tests were carried on a regular basis with FAPAS Central Science Laboratory (UK) and inter-laboratory tests with several local laboratories.

During the period under review, the Food Microbiology Laboratory conducted tests on 432 samples and issued 173 reports.

### **Food and Agriculture Laboratory**

The Food and Agriculture Laboratory is a specialized testing facility in the chemical and physico-chemical analysis of food, food products and related consumer products and thus ensures food safety at every level of the food supply chain. It is a modern laboratory equipped with high precision analytical instruments. The range items of instrumentation are listed hereunder:

- A UV – Visible Spectrophotometer
- A Kjeldahl Digestion and Distillation System

The testing activities of the laboratory include, among others, the determination of fat content in dried milk powder; ethanol or methanol content in alcohol; protein, phosphorus and calcium content in animal feeds, crude fibre content, ash content, kernel characteristics in cereal and cereal products and water pick up in processed chicken.

The Food and Agriculture Laboratory is accredited for the following scopes:

- Determination of moisture content in cereals and cereal products
- Determination of total ash content in cereals and cereal products
- Determination of nitrogen in cereal and cereal products
- Determination of fat content in dried milk powder
- Determination of total volatile base in fish and fishery products
- Determination of nitrogen in fish and fishery products

The Food and Agriculture Laboratory participated in proficiency testing programmes with Central Service Laboratory (UK) – FAPAS.

During the period under review the Food and Agriculture Laboratory conducted tests on 459 samples and issued 220 test reports.

### **Fibre Technology Laboratory**

The Fibre Technology Laboratory provides testing facilities for a wide range of parameters which include, among others, yarn analysis, yarn twist, determination of water, colour fastness to light, perspirations, dry/wet rubbing, flammability test, measurement of length characteristics of woolen and synthetic fibres, determination of tearing strength of tarpaulin, flex endurance of leather and footwear and grammage and moisture content in paper and paper products.

The major equipment in the Fibre Technology Laboratories are:

- The Uster Evenness Tester used for yarn analysis;
- The Fast Rate Colour Fastness System which provides colourimetric fastness ratings
- The Flammability Tester which is used to perform flammability tests on fabrics, toys and bedding materials.

It has also acquired a Fall Hammer Testing Machine for the testing of toe protecting cap.

The Fibre Technology Laboratory is accredited for the scopes mentioned hereunder:

- Colour fastness to water
- Colour fastness to perspiration
- Colour fastness to rubbing
- Determination of fabric propensity to surface fuzzing and to pilling
- Determination of twists in single yarns

The Laboratory continued its Proficiency Testing Programme with the American Association of Textile Chemists and Colorists.

The Fibre Technology Laboratory conducted tests on 781 samples and issued 736 test reports.

### **Mechanical Engineering Laboratory**

The Mechanical Engineering is specially designed for testing facility for conducting tests to determine the mechanical and physical properties of ferrous and non-ferrous materials. The mechanical testing capabilities include tensile, compression testing, hardness testing and bend-testing, among others. It is equipped with the following equipment:

- Universal Testing Machine
- Hardness Testing
- Impact Testing Machine

The Mechanical Engineering Laboratory is the designated laboratory to conduct tests on carbon steel bars which is a controlled product in the domestic market. Tests are also conducted for manufacturers of steel bars, welded mesh and steel wires to strengthen their quality control system.

In addition, the Laboratory is responsible for the verification of conformity assessment documents for the importation of motorcycle helmets.

The Mechanical Engineering Laboratory is accredited for the testing of carbon steel bars for the reinforcement for concrete in the field of dimensional testing, tensile testing and rebend testing.

During the year under review the Mechanical Engineering Laboratory conducted tests on 5457 samples and issued 450 test reports.

### **Non Destructive Testing Section (NDT)**

Non-Destructive Testing is increasingly becoming the most convenient method for metallurgy analysis for detecting material composition and material defects and it is widely used to ensure the safety of workers in hazardous environment. The Non-Destructive Testing Laboratory at MSB is a modern Laboratory and provides testing facilities in Ultrasonics Testing (UT), Radiography Testing (RT), Magnetic Particle Testing (MPT), and Liquid Penetrant Testing (LPT). The Laboratory conducts tests on LPG cylinders, turbines, mechanical parts, of heavy duty machines and equipment used in the sugar industry and for coating thickness measurement. The personnel of the NDT Laboratory also carries out technical investigation on equipment used in children's playground, on outboard motors and on LPG gas regulators.

During the period under review, the Non Destructive Testing Laboratory conducted tests on 246 samples and issued 165 test reports.

### **Electrical and Electronics Engineering Laboratory**

The Electrical and Electronics Engineering Laboratory conducts dimensional, dielectric and insulation resistance tests on electrical cables and rating and discharge tests on batteries. Cable testing is carried out on behalf on regulatory bodies as certificates of conformity are required before the commercialization of electric cables. The Bureau has acquired High Voltage Testing Equipment and sophisticated Measurement Instrumentation to conduct the full range of tests on cables.

The Electrical and Electronics Engineering Laboratory perform conformity document verification for residual circuit breakers and electric water heaters with a view to ensuring the safety of these products.

During the period under review, the Electrical and Electronics Engineering Laboratory conducted tests on 675 samples and issued 131 test reports.

### **Civil Engineering Laboratory**

The Civil Engineering Laboratory provides testing facilities to the various constituencies in the building and construction and associated sectors and to regulatory bodies in assessing the conformity of building and construction materials according to the applicable standards and building codes. The laboratory has assumed a critical role in ensuring the safety of buildings and constructions. It has also expanded its activities horizontally and vertically in consonance with the development of the building and construction sectors in Mauritius. The Civil Engineering Laboratory currently provides testing services in the following areas:

- Determination of compressive strength of concrete cubes and concrete building blocks;
- Sieve analysis, water absorption and determination of crushing value and impact value of aggregates;
- Analysis of fineness, setting times, standard consistence and flexure of cement;
- Tensile test, impact test, determination of Vicat softening temperature and internal pressure of plastic pipes and;
- Determination of ductibility, flash point, viscosity and softening temperature of bitumen and bituminous products.

The Laboratory has also embarked on a project for the non-destructive testing of building materials.

The Civil Engineering Laboratory has upgraded its testing capability through the acquisition of sophisticated equipment such as

- Concrete Compressive Machine
- Tensile Testing Machine
- Engler Viscometer
- Hydrostatic Pressure Testing Equipment for internal pressure tests of plastic pipes

During the period under review, the Civil Engineering Laboratory tested 12 450 samples and issued 5 178 test reports.

AUDITED  
FINANCIAL  
STATEMENTS

**REPORT OF THE DIRECTOR OF AUDIT  
TO THE COUNCIL OF THE  
MAURITIUS STANDARDS BUREAU**

**Report on the Financial Statements**

I have audited the financial statements of the Mauritius Standards Bureau which comprise the statement of financial position as at 31 December 2011, the statement of financial performance, statement of changes in net assets/equity and the statement of cash flow for the year then ended and a summary of significant accounting policies and other explanatory information.

***Management's Responsibility for the Financial Statements***

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the International Public Sector Accounting Standards and in compliance with the Statutory Bodies (Accounts and Audit) Act, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

***Auditor's Responsibility***

My responsibility is to express an opinion on these financial statements based on my audit. I conducted my audit in accordance with International Standards of Supreme Audit Institutions. Those Standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of the accounting principles used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

**PLEASE SEND A NEAT COPY**

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a reasonable basis for my audit opinion.

### **Opinion**

In my opinion, the financial statements give a true and fair view of the financial position of the Mauritius Standards Bureau as at 31 December 2011, and of its financial performance and its cash flows for the year then ended in accordance with International Public Sector Accounting Standards

### **Report on Other Legal and Regulatory Requirements**

#### ***Management's Responsibility***

In addition to the responsibility for the preparation and presentation of the financial statements described above, management is also responsible for ensuring that the activities, financial transactions and information reflected in the financial statements are in compliance with the laws and authorities which govern them.

#### ***Auditor's Responsibility***

In addition to the responsibility to express an opinion on the financial statements described above, my responsibility includes expressing an opinion on whether the activities, financial transactions and information reflected in the financial statements are, in all material respects, in compliance with the laws and authorities which govern them. This responsibility includes performing procedures to obtain audit evidence about whether the entity's expenditure and income have been applied for the purposes intended by the legislature. Such procedures include the assessment of the risks of material non-compliance.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

### ***Opinion on Compliance***

#### ***Statutory Bodies (Accounts and Audit) Act***

In my opinion, in all material respects, the activities, financial transactions and information reflected in the financial statements are in compliance with the Statutory Bodies (Accounts and Audit) Act.

*Public Procurement Act*

The Mauritius Standards Bureau is responsible for the planning and conduct of its procurement. It is also responsible for defining and choosing the appropriate method of procurement and contract type in accordance with the provisions of the Act and relevant Regulations. My responsibility is to report on whether the provisions of part V of the Act regarding the Bidding Process have been complied with.

In my opinion, the provisions of Part V of the Act have been complied with as far as it appears from my examinations of the relevant records.

*The Financial Reporting Act*

The Directors are responsible for preparing the Corporate Governance Report and making the disclosures required by Section 8.4 of the Code of Corporate Governance of Mauritius ("Code"). My responsibility is to report on these disclosures.

In my opinion, the disclosures in the Corporate Governance Report are consistent with the requirements of the "Code".



**(Dr R. JUGURNATH)**  
Director of Audit

National Audit Office  
Level 14, Air Mauritius Centre  
Port Louis

23 October 2012

**FINANCIAL STATEMENTS  
FOR YEAR ENDED  
31 DECEMBER 2011**

<b>CONTENTS</b>	<b>PAGES</b>
<b>Statement of Financial Position</b>	<b>30</b>
<b>Statement of Financial Performance</b>	<b>31</b>
<b>Statement of Changes in Net Assets/Equity</b>	<b>32</b>
<b>Statement of cash flows</b>	<b>33-34</b>
<b>Statement of Outturn</b>	<b>35-36</b>
<b>Statement of budgeted, actual cash and actual based amounts</b>	<b>37-38</b>
<b>Statement showing reasons for variances between original and revised budget</b>	<b>39-40</b>
<b>Statement showing reconciliation of actual cash flows with financial Statements</b>	<b>41</b>
<b>Notes to accounts</b>	<b>42-70</b>

## STATEMENT OF FINANCIAL POSITION AS AT 31 DECEMBER 2011

	Notes	As at 31.12.2011	As at 31.12.2010
		MUR	MUR
<b>ASSETS</b>			
<b>Current Assets</b>			
Cash and cash equivalents		47,500,253	37,936,453
Trade and other receivables	8	9,375,167	12,421,600
Loan receivables from staff	9	1,252,780	1,242,543
		<b>58,128,200</b>	<b>51,600,596</b>
<b>Non-current assets</b>			
Loan receivables from staff	9	3,222,483	3,283,776
Property, plant and equipment	4	92,124,395	72,398,811
Software & Research and Development Costs	5	930,615	1,661,088
		<b>96,277,493</b>	<b>77,343,675</b>
<b>TOTAL ASSETS</b>		<b>154,405,693</b>	<b>128,944,271</b>
<b>LIABILITIES</b>			
<b>Current liabilities</b>			
Payables	13	6,587,700	6,239,887
Borrowing from Accountant General	15	1,252,780	1,242,543
Provisions	14	3,197,834	3,515,833
		<b>11,038,314</b>	<b>10,998,263</b>
<b>Non-current liabilities</b>			
Borrowing from Accountant General	15	3,222,483	3,283,776
Provisions	14	8,822,111	8,205,648
Retirement benefit obligations	10	7,521,495	4,585,823
		<b>19,566,089</b>	<b>16,075,247</b>
<b>TOTAL LIABILITIES</b>		<b>30,604,403</b>	<b>27,073,510</b>
<b>NET ASSETS</b>		<b>123,801,290</b>	<b>101,870,761</b>
<b>NET ASSETS AND EQUITY</b>			
<b>Capital and reserves</b>			
General fund		404,538	2,054,040
Revaluation reserve		48,371,524	23,692,545
Deferred capital grants	12	75,025,228	76,124,176
<b>TOTAL NET ASSETS AND EQUITY</b>		<b>123,801,290</b>	<b>101,870,761</b>

The notes on pages 42 to 70 form part of the financial statements.

The financial statements were approved by Standards Council members on 19 October 2012 and are signed on its behalf by:



**Mr Elan Lallmahomed**  
Chairman, Standards Council



**Dr V.S Ragoobur**  
Member, Standards Council

**STATEMENT OF FINANCIAL PERFORMANCE  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

	Notes	2011 MUR	July 2009 to December 2010 MUR
<b>REVENUE</b>			
Rendering of services	16	23,219,533	32,377,427
Recurrent Grants	11	27,000,000	28,551,002
Deferred Income	12	11,188,948	18,875,144
Other revenue		948,095	1,540,631
<b>TOTAL REVENUE</b>		<b>62,356,576</b>	<b>81,344,204</b>
<b>EXPENSES</b>			
Staff costs	17	38,561,506	60,377,571
Administrative and Operating Expenses	18-19	14,255,624	20,329,704
Depreciation		11,188,948	18,875,144
<b>TOTAL EXPENDITURE</b>		<b>64,006,078</b>	<b>99,582,419</b>
<b>SURPLUS/(DEFICIT) FOR THE YEAR</b>		<b>(1,649,502)</b>	<b>(18,238,215)</b>

**STATEMENT ON CHANGES IN NET ASSETS/EQUITY  
FOR THE FISCAL YEAR ENDED 31 DECEMBER 2011**

	<b>General Fund</b>	<b>Revaluation Reserve</b>	<b>Capital Grant Received</b>	<b>Total</b>
	<b>MUR</b>	<b>MUR</b>	<b>MUR</b>	<b>MUR</b>
<b>Balance as at 31 December 2010</b>	<b>2,054,040</b>	<b>23,692,545</b>	<b>76,124,176</b>	<b>101,870,761</b>
Changes in accounting policy	-	-	-	-
<b>Restated Balance at 01 January 2011</b>	<b>2,054,040</b>	<b>23,692,545</b>	<b>76,124,176</b>	<b>101,870,761</b>
Gain on Revaluation	24,678,979		24,678,979	
*Received during the period	-	-	10,090,000	10,090,000
Deferred Income released	-	-	(11,188,948)	(11,188,948)
Deficit for the period	(1,649,502)	-	-	(1,649,502)
<b>Balance at 31 December 2011</b>	<b>404,538</b>	<b>48,371,524</b>	<b>75,025,228</b>	<b>123,801,290</b>

\*Include a grant of equipment valued at Rs 90,000.

**STATEMENT OF CASH FLOWS  
FOR THE FISCAL YEAR 1 JANUARY 2011 TO 31 DECEMBER 2011**

	<b>2011</b>	<b>July 2009 to Dec 2010</b>
	<b>MUR</b>	<b>MUR</b>
<b>Cash flow from operating activities</b>		
Deficit for the period	(1,649,502)	(18,238,215)
<b>Non-cash movements:</b>		
Depreciation	11,188,948	18,875,144
Profit on sale of scrap computers	-	(310,246)
Deferred Income	(11,188,948)	(18,875,144)
Other income	(948,095)	(1,540,631)
<b>Operating surplus before working capital changes</b>	<b>(2,597,597)</b>	<b>(20,089,092)</b>
Movement in Working Capital		
Decrease in loan receivable	(51,056)	936,727
Decrease in trade and other receivables	3,046,433	(4,809,181)
Decrease in loan payables	51,056	(936,727)
Increase in payables	347,812	3,338,372
Increase in provision	298,464	2,343,749
Increase in retirement benefits obligation	2,935,671	2,152,719
<b>Net Cash Flow from Operating Activities</b>	<b>4,030,783</b>	<b>(17,063,433)</b>
<b>Net Cash flows from investing activities</b>		
Acquisition of fixed assets	(5,415,078)	(8,647,636)
Disposal of fixed assets	-	310,246
<b>Net cash flow from investing activities</b>	<b>(5,415,078)</b>	<b>(8,337,390)</b>
<b>Net Cash flow from financing activities</b>		
Other income	948,095	1,540,631
Grants from local source	10,000,000	21,000,000
<b>Net Cash flow from financing activities</b>	<b>10,948,095</b>	<b>22,540,631</b>
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>9,563,800</b>	<b>(2,860,192)</b>
<b>Cash and cash equivalents at the beginning of the period</b>	<b>37,936,453</b>	<b>40,796,645</b>
	<b>47,500,253</b>	<b>37,936,453</b>

**Notes to the Cash Flow Statement:**

- A Cash and cash equivalents for current and previous periods consist of balances with banks only. MSB does not hold any financial instruments and does not have any borrowing facilities with any bank.
- B During the period, MSB acquired property, plant and equipment and software with an aggregate cost of Rs 5,415,078, which was acquired by means of capital grants by the Government of Mauritius. Cash payments of Rs 5,415,078 were made to purchase property, plant and equipment and software.

**STATEMENT OF OUTTURN  
FOR THE FISCAL YEAR ENDED 31 DECEMBER 2011**

	<b>Revised Budget</b>	<b>Actual Received/ paid</b>
	<b>MUR</b>	<b>MUR</b>
<b>REVENUE FROM RENDERING OF SERVICES</b>		
Training	1,000,000	970,780
ISMS	100,000	88,000
ISO 9000 registration	2,000,000	2,191,278
Mauricert Scheme	400,000	390,160
Testing & related services	15,000,000	17,211,740
Calibration	1,000,000	1,199,322
Sale of Standards	700,000	789,997
Miscellaneous income	10,000	54,856
	<b>20,210,000</b>	<b>22,896,133</b>
Recurrent Grants	27,000,000	27,000,000
Interest Income	-	948,095
<b>TOTAL</b>	<b>47,210,000</b>	<b>50,844,228</b>
<b>STAFF COST</b>		
Basic Salaries	22,500,000	22,234,126
Extra Remuneration	475,000	465,610
End of Year Bonus	1,950,000	1,901,445
Duty Allowance	250,000	0
Gratuity	160,000	156,580
Allowances Responsibilities/Acting	815,000	811,204
Pension/NSF/FPS	2,850,000	2,553,736
FPS	450,000	440,013
NSF	250,000	213,324
NPF	50,000	49,377
Medical Scheme	100,000	82,830
Cash in lieu of Leave	900,000	843,561
Travelling and transport	3,200,000	3,112,666
Allowances in lieu of Passages	1,275,000	1,260,219
Fees to Chairman and Members of Standards Council and Technical Committees	750,000	543,146
Overtime	375,000	356,309
<b>TOTAL STAFF COSTS</b>	<b>36,350,000</b>	<b>35,024,146</b>

**STATEMENT OF OUTTURN (Continued)**

	<b>Revised Budget</b>	<b>Actual Received/Paid</b>
	<b>MUR</b>	<b>MUR</b>
<b>ADMINISTRATIVE AND OPERATING EXPENSES</b>		
Office Expenses & Incidentals	900,000	863,856
Utilities	2,475,000	2,376,310
Maintenance and running of vehicles	225,000	207,299
Maintenance of Premises & Equipment	1,350,000	1,268,867
Training of Staff	510,000	153,528
Publications Promotional Materials	400,000	394,074
Uniforms & Protective Equipment	150,000	118,496
Apparatus & supplies of laboratory	1,000,000	823,216
Security Services	500,000	464,425
Seminars/Courses	549,000	199,999
Expenses and allowances outside Mauritius	250,000	216,683
Consultancy Services	175,000	70,000
Insurance premium	200,000	188,705
Legal and professional fees	250,000	181,050
Membership fees/Subscriptions	275,000	189,473
Royalty	300,000	195,285
Testing overseas & Proficiency	425,000	418,160
Calibration of standards	400,000	0
Contribution to IAEA/ISO/BIPM	1,230,000	1,139,897
ARSO-US \$ 8000	275,000	0
ISO EXPENSES-RVA Accreditation & lab	1,400,000	1,371,879
<b>TOTAL</b>	<b>13,239,000</b>	<b>10,841,202</b>
<b>GRAND TOTAL</b>	<b>49,589,000</b>	<b>45,865,348</b>

Outturn for the fiscal year 2011 has been presented on a cash basis. Variance between budgets and outturn are explained on page 39-40.

## Statement of Budgets, Actual Cash and Accrued Based-Amounts

	<b>Original Budget</b>	<b>Revised Budget</b>	<b>Actual Received/ paid</b>	<b>Financial Statement</b>
	<b>2011 MUR</b>	<b>2011 MUR</b>	<b>2011 MUR</b>	<b>2011 MUR</b>
<b>INCOME</b>				
Training	1,700,000	1,000,000	970,780	888,500
ISMS	380,000	100,000	88,000	65,600
ISO 9000 registration	1,550,000	2,000,000	2,191,278	2,276,077
Mauricert Scheme	500,000	400,000	390,160	336,325
Testing & related services	12,500,000	15,000,000	17,211,740	17,562,343
Calibration	800,000	1,000,000	1,199,323	1,254,770
Sale of Standards	560,000	700,000	789,997	782,762
Miscellaneous income	10,000	10,000	54,856	53,156
	<b>18,000,000</b>	<b>20,210,000</b>	<b>22,896,133</b>	<b>23,219,533</b>
Recurrent Grants	37,832,600	27,000,000	27,000,000	27,000,000
Interest Income	-	-	948,095	948,095
Deferred Income	-	-	-	11,188,948
<b>TOTAL INCOME</b>	<b>55,832,600</b>	<b>47,210,000</b>	<b>50,844,228</b>	<b>62,356,576</b>
<b>STAFF COST</b>				
Basic Salaries	27,360,600	22,500,000	22,234,126	22,262,708
Extra Remuneration	792,000	475,000	465,610	465,610
End of Year Bonus	2,375,000	1,950,000	1,901,445	1,901,445
Duty Allowance	250,000	250,000	-	-
Gratuity	250,000	160,000	156,580	156,580
Allowances Responsibilities/Acting	700,000	815,000	811,204	811,204
Pension/NSF/FPS	3,500,000	2,850,000	2,553,736	5,785,963
FPS	450,000	450,000	440,013	440,013
NSF	250,000	250,000	213,324	233,555
NPF	50,000	50,000	49,377	38,583
Medical Scheme	150,000	100,000	82,830	90,420
Cash in lieu of Leave	900,000	900,000	843,561	-
Provision for sick leave allowance	-	-	-	1,475,553
Travelling and transport	3,745,000	3,200,000	3,112,666	3,113,483
Allowances in lieu of Passages	1,200,000	1,275,000	1,260,219	926,692
Fees to Chairman and Members of Council and Technical Committees	750,000	750,000	543,146	552,066
Overtime	500,000	375,000	356,309	307,630
<b>TOTAL STAFF COSTS</b>	<b>43,222,600</b>	<b>36,350,000</b>	<b>35,024,146</b>	<b>38,561,505</b>

## Statement of Budgets, Actual Cash and Accrued Based-Amounts (continued)

	Original Budget	Revised Budget	Actual Received/ Paid	Financial Statement
	2011 MUR	2011 MUR	2011 MUR	2011 MUR
<b>ADMINISTRATIVE AND OPERATING EXPENSES</b>				
Office Expenses & Incidentals	950,000	900,000	863,856	878,006
Utilities	1,975,000	2,475,000	2,376,310	2,393,207
Maintenance and running of vehicles	300,000	225,000	207,299	272,209
Maintenance of Premises & Equipment	1,450,000	1,350,000	1,268,867	1,115,020
Training of Staff	550,000	510,000	153,528	103,528
Publications Promotional Materials	475,000	400,000	394,074	378,311
Uniforms & Protective Equipment	150,000	150,000	118,496	118,496
Apparatus & supplies of laboratory	1,000,000	1,000,000	823,216	670,533
Security Services	550,000	500,000	464,425	464,425
Seminars/Courses	625,000	549,000	199,999	191,299
Expenses and allowances outside Mauritius	100,000	250,000	216,683	216,683
Consultancy Services	175,000	175,000	70,000	70,000
Insurance premium	260,000	200,000	188,705	206,336
Legal and professional fees	250,000	250,000	181,050	330,050
Membership fees/Subscriptions	275,000	275,000	189,473	186,109
Royalty	350,000	300,000	195,285	181,387
Testing overseas & Proficiency	375,000	425,000	418,160	421,032
Calibration of standards	400,000	400,000	-	-
Contribution to IAEA/ISO/BIPM	1,200,000	1,230,000	1,139,897	1,315,317
ARSO-US \$ 8000	275,000	275,000	-	-
ISO EXPENSES-RVA Accreditation & lab	925,000	1,400,000	1,371,879	1,453,175
<b>TOTAL</b>	<b>12,610,000</b>	<b>13,239,000</b>	<b>10,841,202</b>	<b>10,965,123</b>
Bad debts w/o	-	-	-	3,062,920
Increase in provision for bad debts	-	-	-	227,580
Depreciation	-	-	-	11,188,948
<b>TOTAL</b>	<b>12,610,000</b>	<b>13,239,000</b>	<b>10,841,202</b>	<b>25,444,571</b>
<b>GRAND TOTAL</b>	<b>55,832,600</b>	<b>49,589,000</b>	<b>45,865,348</b>	<b>64,006,076</b>
<b>CAPITAL EXPENDITURE</b>				
Building	4,000,000	4,750,000	189,487	173,950
Plant and Equipment	6,000,000	5,000,000	4,697,664	4,899,242
IT Equipment	-	250,000	219,251	288,251
Software	-	-	-	143,635
<b>TOTAL</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>5,106,402</b>	<b>5,505,078</b>

Note: An amount of capital expenditure of Rs 4,494,922 was brought forward to year 2012 to cater for procurement of 2011 in process.

**Statement showing reasons for variances between Original and Revised Budget**

for the Fiscal Year ended 31 December 2011

	<b>Original Budget MUR</b>	<b>Variation Revised Budget MUR</b>	<b>Increase/ (Decrease) MUR</b>	<b>Comments</b>
<b>INCOME</b>				
Training	1,700,000	1,000,000	(700,000)	Training Manager was in process of recruitment
ISMS	380,000	100,000	(280,000)	Lack of demand from clients
ISO 9000 registration	1,550,000	2,000,000	450,000	
Mauricert Scheme	500,000	400,000	(100,000)	Renewal of registration in process
Testing & related services	12,500,000	15,000,000	2,500,000	
Calibration	800,000	1,000,000	200,000	
Sale of Standards	560,000	700,000	140,000	
Miscellaneous income	10,000	10,000	-	
<b>TOTAL</b>	<b>18,000,000</b>	<b>20,210,000</b>	<b>2,210,000</b>	
<b>STAFF COST</b>				
Basic Salaries	27,360,600	22,500,000	(4,860,600)	Saving due to 3 staff on leave without pay and vacancies not filled
Extra Remuneration	792,000	475,000	(317,000)	Over-provisions-Staff with salaries above Rs 30,000 not paid.
End of Year Bonus	2,375,000	1,950,000	(425,000)	Saving due to 3 staff on leave without pay and vacancies not filled
Duty Allowance	250,000	250,000	-	
Gratuity	250,000	160,000	(90,000)	Vacancies not filled.
Allowances Responsibilities/Acting	700,000	815,000	115,000	More acting allowance in view of vacancies not filled
Pension/NSF/FPS	3,500,000	2,850,000	(650,000)	Saving due to 3 staff on leave without pay and vacancies not filled
FPS	450,000	450,000	-	
NSF	250,000	250,000	-	
NPF	50,000	50,000	-	
Medical Scheme	150,000	100,000	(50,000)	Saving due to 3 staff on leave without pay and vacancies not filled
Cash in lieu of Leave	900,000	900,000	-	
Travelling and transport	3,745,000	3,200,000	(545,000)	Saving due to 3 staff on leave without pay and vacancies not filled
Allowances in lieu of Passages	1,200,000	1,275,000	75,000	More application for passage benefit than forecasted.
Fees to Chairman and Members of Standards Council and Technical Committees	750,000	750,000	-	
Overtime	500,000	375,000	(125,000)	Less overtime worked in laboratories
<b>TOTAL STAFF COSTS</b>	<b>43,222,600</b>	<b>36,350,000</b>	<b>(6,872,600)</b>	

**ADMINISTRATIVE AND OPERATING EXPENSES**

Office Expenses & Incidentals	950,000	900,000	(50,000)	Savings were made to the item
Utilities	1,975,000	2,475,000	500,000	Increase in consumption of electricity- additional air conditioning in lab and office.
Maintenance and running of vehicles	300,000	225,000	(75,000)	Savings were made to the item
Maintenance of Premises & Equipment	1,450,000	1,350,000	(100,000)	Savings were made to the item
Training of Staff	550,000	510,000	(40,000)	Savings were made to the item
Publications Promotional Materials	475,000	400,000	(75,000)	Savings were made to the item
Uniforms & Protective Equipment	150,000	150,000	-	
Apparatus & supplies of laboratory	1,000,000	1,000,000	-	
Security Services	550,000	500,000	(50,000)	Savings were made to the item
Seminars/Courses	625,000	549,000	(76,000)	Savings were made to the item
Expenses and allowances outside Mauritius	100,000	250,000	150,000	Additional mission undertaken
Consultancy Services	175,000	175,000	-	
Insurance premium	260,000	200,000	(60,000)	Savings were made to the item
Legal and professional fees	250,000	250,000	-	
Membership fees	275,000	275,000	-	
Royalty	350,000	300,000	(50,000)	Savings were made
Testing overseas & Proficiency	375,000	425,000	50,000	Additional proficiency test done.
Calibration of standards	400,000	400,000	-	
Contribution to IAEA/ISO/BIPM ARSO-US \$ 8000	1,200,000	1,230,000	30,000	Increase in registration fee
ISO Expenses-RVA Accreditation & lab	275,000	275,000	-	
	925,000	1,400,000	475,000	Two visits instead of one budgeted
<b>TOTAL</b>	<b>12,610,000</b>	<b>13,239,000</b>	<b>629,000</b>	
<b>GRAND TOTAL</b>	<b>55,832,600</b>	<b>49,589,000</b>	<b>(6,243,600)</b>	

The changes between the original and the final budget are a consequence of reallocations within the budget. The difference between the original and final and the mechanism to finance the final budget is explained at notes 6.

## Statement showing Reconciliation of Actual Cash Flows with Financial Statements

For the Fiscal Year ended 31 December 2011

	Year ended 31 December 2011 MUR
<b>REVENUE</b>	
Actual revenue as per statement of outturn	50,844,228
Less decrease in debtors (7,202,062-4,234,963) (Note 7)	(2,967,100)
Add increase in provision for bad debts (note 7)	227,580
Add bad debts written off	3,062,920
<b>TOTAL</b>	<b>51,167,628</b>
Add deferred income	11,188,948
<b>Revenue as per Statement of Financial Performance</b>	<b>62,356,576</b>
<b>Actual Recurrent Expenditure as per statement of outturn</b>	<b>45,865,348</b>
Commitment for the period	1,695,950
Prepayments as at 31 December 2011	(198,113)
<b>Provisions</b>	
Decrease in provision for passage benefits	(333,527)
Increase in provision for pension benefits	2,935,672
Increase in provision for bad debts	227,580
Increase in provision for sick leave	631,992
<b>Non-Cash items</b>	
Depreciation	11,188,948
Bad debts written off	3,062,920
Commitment of last year	(1,348,137)
Prepayment last year	277,445
<b>Expenditure as per Statement of Financial Performance</b>	<b>64,006,078</b>

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011****1  
CORPORATE INFORMATION**

The Mauritius Standards bureau (Bureau) was set up in 1975 as a division of the Ministry of Commerce and Industry with the responsibility of developing national standards, dissemination of information on standards and offering calibration, testing and certification (i.e conformity assessment) services to the local industry.

The Bureau became a corporate body under the provisions of the Mauritian Standard Bureau Act 1993 which came into effect on 16 July 1993. The aim was to vest the bureau with greater operational flexibility and financial autonomy with a view to enable it to play a more dynamic role in the economic development of the country.

The Mauritius Standards Council, which comprises representatives from the various sectors of the economy, administers the Bureau. The Director, who reports to the Mauritius Standards Council, manages it.

The registered office of the Mauritius Standards Bureau is located at Villa Road, Moka. The financial statements of the Mauritius Standards Bureau have been prepared in a spirit of adherence to the good governance principles of accountability and transparency.

**BASIS OF PREPARATION**

**2.1** The financial statements are presented in Mauritian Rupees rounded to nearest rupees.

The financial statements have been prepared under the historical cost convention. As at the date of approval of these financial statements, some standards and interpretations were in issue but not yet effective.

The Directors expect that the adoption of these standards and interpretations in future accounting periods will not have a material impact on the MSB's results.

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

**2.2** In April 2009, Government of Mauritius came with ‘The Additional Stimulus Package (Miscellaneous) Provision Act 2009’ and according to Section 5 (2A) the financial year-end was changed to 31 December of any forthcoming years. The Statutory Bodies (Accounts & Audit) Act has been amended to cater for the change of the accounting year end to 31 December. Accordingly, the comparative figures exceptionally cover a period of 18 months extending from 01 July 2009 to 31 December 2010 compared to the current accounting period of 12 months. Thereafter, financial statements will be for a period of 12 months ending 31 December.

**2.3 Statement of Compliance**

MSB has prepared its financial statements in accordance with International Public Sector Accounting Standards (IPSASs) issued by the International Public Sector Accounting Board (IPSASB) which is a board of the International Federation of Accountants Committee (IFAC).

Where an IPSAS does not address a particular issue, the appropriate International Financial Reporting Standards (IFRS) and International Accounting Standards (IASs) of the International Accounting Standards Board (IASB) are applied.

The financial statements have been prepared on a going-concern basis and the accounting policies have been applied consistently throughout the period. They have been prepared on the historical cost basis, except for the revaluation of the premises of MSB.

The preparation of financial statements in conformity with IPSAS and generally accepted accounting practices requires the use of estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period.

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

In the application of the MSB's accounting policies, which are described in note 3, the management are required to make judgements, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an on-going basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the estimate affects only that period or in the period of the revision and future periods if the revision affects both current and future receivables, accrued charges, contingent assets and liabilities, and degree of impairment of property, plant and equipment.

The key assumptions concerning the future, and other key sources of estimation uncertainty at the balance sheet date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below:

**Estimated useful lives and residual values of property, plant and equipment.**

Determining the carrying amounts of property, plant and equipment requires the estimation of the useful lives and residual values of these assets.

The estimates of the useful lives and residual values thereof are made for the purpose of calculating depreciation. The estimates of the useful lives and residual values carry a degree of uncertainty. The Council has used historical information in order to best determine the useful lives and residual values of property, plant and equipment.

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

**ii Retirement benefit obligations**

The determination of employee benefit costs and related provisions as described in note 3 (f) and detailed in note 6 to the financial statements, requires the use of actuarial calculations or other assumptions that include significant estimates in respect of, inter-alia, the discount rate, the expected return on plan assets, future salary increases, future medical cost increases and future pension increases. Differences between actual and estimates are recorded as actuarial gains and losses.

**2.4 Adoption of new and revised International Public Sector Accounting Standards.**

MSB has adopted relevant new and revised International Public Sector Accounting Standards (IPSASs) that are relevant to its operations for accounting periods 01 January 2011 to 31 December 2011, namely:

IPSAS 1- Presentation of Financial Statements which sets out the overall considerations for the presentation of financial statements, guidance for the structure of those statements and minimum requirements for their content under the accrual basis of accounting.

IPSAS 2- Cash Flow Statement, requiring the provision of information about changes in cash and cash equivalents during the period from operating, investing and financing activities.

IPSAS 3- Accounting Policies, Changes in Accounting Estimates and Errors which specifies the accounting treatment for changes in accounting estimates, changes in accounting policies and the correction of fundamental errors, defines extraordinary items and requires the separate disclosure of certain items in the financial statements.

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

IPSAS 17- Property, Plant and Equipment  
IPSAS 19: Provisions, Contingent Liabilities and Contingent Assets  
IPSAS 21- Impairment of Non-cash-Generating Assets  
IPSAS 24- Presentation of Budget Information in Financial Statements  
IPSAS 25- Employee Benefits  
IPSAS 26- Impairment of Cash-Generating Assets  
IPSAS 31- Intangible Assets

Certain new standards, amendments and interpretations to existing standards have been published that are mandatory for the accounting periods beginning on or after 1 April 2011 or later periods but which have not been early adopted. These new standards, amendments and interpretations are either not relevant to MSB's operations or are not expected to have a material effect on the accounting policies and disclosures.

The following standards have not been applied because they are not relevant to the MSB affairs:

IPSAS 4: The Effects of Changes in Foreign Exchange Rates  
IPSAS 5: Borrowing Costs  
IPSAS 6: Consolidated and Separate Financial Statements  
IPSAS 7: Investment in Associates  
IPSAS 8: Interest in Joint Ventures  
IPSAS 9: Revenue from Exchange Transactions  
IPSAS 10: Financial Reporting in Hyperinflationary Economies  
IPSAS 11: Construction Contracts  
IPSAS 12: Inventories  
IPSAS 13: Leases  
IPSAS 14: Events after the Reporting Date  
IPSAS 15: Financial Instruments: Disclosures and Presentation  
IPSAS 16: Investment Property  
IPSAS 18: Segment Reporting  
IPSAS 20: Related Party Disclosures  
IPSAS 23: Revenue from Non-Exchange Transactions (Taxes and Transfers)  
IPSAS 27: Agriculture  
IPSAS 28: Financial Instruments: Presentation  
IPSAS 29: Financial Instruments: Recognition and Measurement

## **NOTES TO THE FINANCIAL STATEMENTS FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

IPSAS 30: Financial Instruments: Disclosures.

IPSAS 32: Service Concession Arrangements: Grantor

### **2.5 Measurement Base**

The accounting principles recognized as appropriate for the measurement and reporting of the financial performance, cash flows, and financial position on an accrual basis using historical cost are followed in the preparation of financial statements

### **2.6 Reporting Period**

The Financial Statements for the current period have been prepared for the 12 months ended 31 December 2011 with comparative information for the 18 months ended 31 December 2010. Hence the amounts represented in the Financial Statements may not be entirely comparable.

## NOTES TO THE FINANCIAL STATEMENTS FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

### 3 ACCOUNTING POLICIES

The following specific accounting policies that materially affect the measurement of financial performance and the financial position are applied:

#### (a) Revenue recognition

MSB has a variety of sources of revenue, some of which become receivable in respect of financial years and some of which become receivable as a result of expenditure incurred by MSB. Sources of revenue receivable in respect of financial period comprises of government grants, revenue from services provided, bank interest and other income.

**Revenue from services provided** in terms of conformity assessment, calibration, certification and training activities are being recognised when the services have been performed and are billable.

**Interest and other income** are being recognised as they accrue. It is measured at fair value of the consideration received.

#### Capital Grants

Revenue, in terms of capital grants, which contributes towards the purchase of property, plant and equipment is accounted for as deferred income and is credited to the Statement of Comprehensive Income over the expected useful life of the relevant non-current assets on the basis consistent with the depreciation policy applied in respect of the related assets.

#### Other Grants

Other government grants are recognized as revenue over the periods necessary to match them with the costs for which they are intended to compensate, on a systematic basis. Government grants that are receivable as compensation for expenses or losses already incurred or for the purpose of giving immediate financial support to the Bureau with no future related costs are recognized in the Statement of Financial Performance in the period in which they become receivable.

(b) Accrual accounting under IPSAS does not require the matching of revenue to related expenses. The cash flows arising from contributions and the related expenses take place in current and future accounting periods.

#### (c) Trade and Other Receivables

Accounts receivable are recorded at their estimated realizable value after providing for irrecoverable and uncollectible debts.

#### (d) Leased assets

MSB has never contracted any finance lease.

#### (e) Foreign currency transactions

Transactions in foreign currencies are translated to Mauritian rupees at the exchange rate ruling at the date of transaction. MSB has no monetary assets and liabilities denominated in foreign currencies that needs to be translated at balance sheet date.

## NOTES TO THE FINANCIAL STATEMENTS FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

### (f) Employee entitlements

Employee entitlements to salaries, pension costs, and other benefits are recognized when they are earned. Employees are allowed to accumulated sick leaves not taken at the end of each calendar year up to a maximum of 110 days, in a sick leave bank as at 31 December 2011. The balance of banked sick leave is valued at the end of the financial year and is recognized as long term payables. Beyond this ceiling of 110 days, officers are refunded part of the annual entitlement of sick leaves not taken at the end of every calendar year and is expensed to the Statement of Financial Performance.

A provision is made for the estimated liability for passage benefits. The passage benefit for each staff is valued at year end and is included as short-term liabilities. The annual increase in passage benefits is expensed to the Statement of Financial Performance.

#### *Other Post-Employment Benefits*

Provision for accrued Vacation Leaves:

No provision is made for the estimated liability for vacation leave as employee benefits for accumulated vacation leave can only be cashed in extremely rare cases.

#### **Defined Benefit Pension Plan**

Provision for retirement pension benefits is made under the Statutory Bodies pension Funds Act of 1978 as amended. The scheme is a defined benefit plan and the State Insurance Company of Mauritius Ltd manages its assets. The cost of providing benefits is actuarially determined using the projected unit credit method. (See Note 10)

The present value of the funded obligations is recognized in the balance sheet as a non-current liability after adjusting for the fair value of plan assets, any unrecognized actuarial gains and losses and any unrecognized past service cost. The valuation of these obligations is carried out on a regular basis by the actuarial services of SICOM Ltd.

The current service cost and any recognized past service cost are included as an expense together with the associated interest cost, net of expected return on plan assets.

A portion of the actuarial gains and losses will be recognized as income or expense if the net cumulative unrecognized actuarial gains and losses at the end of the previous accounting period exceeded the higher of 10% of the present value of the defined obligation at that date or 10% of the fair value of plan assets at that date.

### (g) Property, plant and equipment (PPE)

#### *Recognition and measurement*

Tangible assets are stated at historical cost less accumulated depreciation or fair value. Cost includes all costs directly attributable to bringing the asset to working condition for its intended use.

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

Depreciation is calculated on the straight-line method to write off the cost of each asset or the revalued amounts, to their residual values over their estimated useful lives. The depreciation rates applicable to each asset are as follows:

Buildings	4%
Furniture, fixtures and fittings	20%
Plant and equipment	20%
Computers	33%
Motor vehicles	25%

On 9 June 1988, the Ministry of Housing, Lands and the Environment vested part of Crown land Tatayah, of an extent of 12,113.92 m<sup>2</sup> (2A80) to the Ministry of Industry and Industrial Technology for the construction of the new building of the Mauritius Standards Bureau. Since the land has not been vested to the Mauritius Standards Bureau, no recognition has been made in the Financial Statements.

**(h) Intangible Assets**

Intangible Assets is accounted and disclosed in accordance with provision of IPSAS 31. Intangible Assets refers to:

- a) Research and Development Cost amounting to Rs 1,047,090 under the AFD Project has been capitalized and amortised at the rate of 20% per annum on straight line method over their estimated useful life considered to be 5 years.
- b) Software cost which has been capitalized and amortised at the rate of 33.3% per annum on straight line method over the estimated useful life considered to be 3 years.

The amortization charge is recognized in the Statement of Comprehensive income within operational expenditure as an expense in the current period.

The grant from AFD for the research and development project has been amortised on same basis and rate.

**Impairment**

At each Statement of Financial Position date, the Bureau reviews the carrying amounts of its assets to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss.

Recoverable amount is the higher of the fair value less costs to sell, and value in use. If the recoverable amount of an asset is estimated to be less than its carrying amount, the carrying amount of the asset is reduced to its recoverable amount.

An impairment loss is recognized as an expense immediately. Following an impairment survey carried out, no impairment charge has been recognized during the current financial period.

**(j) Financial Instruments**

Financial assets and liabilities are recognised on the Statement of Financial Position when the Bureau has become a party to the contractual provisions of the instrument.

**(k) Trade Payables**

Trade payables are not interest bearing and are stated at their nominal value.

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011****(l) Trade Receivables**

Trade receivable and other receivables do not carry any interest and are stated at their nominal value. Appropriate allowances for estimated irrecoverable amounts are recognised in the Statement of Financial Performance when there is objective evidence that the asset is impaired.

**(m) Cash and cash equivalent**

Cash and cash equivalents comprise of bank balances and cash in hand.

**(n) Car Loans**

Car loans are disbursed by the Accountant General on applications by eligible employees as part of their conditions of service. The loans are executed by way of a registered agreement between the Mauritius Standards Bureau and the employees with a lien in favour of the Mauritius Standards Bureau are place on the cars during the duration of the loans. Loan repayments are effected monthly over a period of five to seven years and balances of principal amounts are shown as short-term and long-term loans. Corresponding carrying amounts are shown under loan to staff.

**(o) Capital Grant**

Capital grant received to finance acquisition of property, plant and equipment is recognized as deferred income and is released to the Statement of Financial Performance.

**(p) Statement of Cash Flows**

The Statement of Cash Flows is prepared using the indirect method.

**(q) Risk management Policies****Financial Risks**

MSB continues to develop risk management policies. The Bureau, as a statutory entity, is not much exposed to financial risk.

MSB does not use derivatives financial instruments to hedge risk exposures.

**Credit risk**

In the normal course of business, MSB incurs credit risk from trade accounts receivable. MSB manages its exposure to credit risk by minimizing the incidence of debtors and operating an effective computerized debtors reporting system and maintaining credit control procedures over trade accounts receivable.

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

MSB does not require any collateral or security to support financial instruments and other receivables it holds due to the low risk associated with the realization of these instruments.

**Currency risk**

MSB is not exposed to any currency risk.

**Interest rate risk**

MSB is not exposed to any interest rate risk on car loans to staff as it is government secured. The interest rate risk associated with car loans to staff is considered minimal. MSB has not contracted any loan obligations.

**(r) Reclassifications**

Certain reclassifications have been made to the financial statements for the statements for the fiscal year ended 31 December 2011 to conform to the current period presentation. The reclassifications had no effect on the current period presentation. The reclassifications had no effect on the previously reported financial performance.

**(s) Employee Disclosure**

As at 31 December 2011, MSB had 73 full-time employees, out of which 31 are non-technical staff and 4 others who are on leave-without-pay.

**(t) Key Management Personnel**

MSB is governed by a management with key personnel that includes the Director, the Acting Deputy Director, the Financial Manager, the Administrative Officer, the Senior Human Resource Officer, the Internal Auditor and 6 Heads of Units who are responsible for the management of the various activities of the Bureau. They are remunerated by MSB. The aggregate remuneration of key management personnel was Rs 7.74 million for the fiscal year 2011.

**(u) Comparative Figures**

Comparative figures have been regrouped or restated, where necessary to conform to the current year's presentation.

## NOTES TO THE FINANCIAL STATEMENTS FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

### 4

### PROPERTY, PLANT AND EQUIPMENT

#### FIXED ASSETS

	Land & Building MUR	Furniture, Fixtures & Fittings MUR	Plant & Equipment MUR	Computers MUR	Motor Vehicles MUR	TOTAL MUR
<b>COSTS</b>						
At 01 Jan 2011	64,095,164	5,803,024	86,096,261	12,500,168	2,369,295	170,863,912
Additions	173,950	-	4,899,242	288,251	-	5,361,443
Revaluation	24,678,979	-			-	24,678,979
Adjustment				(300,029)		(300,029)
At 31 Dec 2011	<b>88,948,093</b>	<b>5,803,024</b>	<b>90,995,503</b>	<b>12,488,390</b>	<b>2,369,295</b>	<b>200,604,305</b>
<b>DEPRECIATION</b>						
At 01 Jan 2011	6,377,328	5,747,708	72,969,814	12,011,816	1,358,434	98,465,100
Dep for the 12 months	2,570,765	30,739	6,808,072	280,262	474,837	10,164,675
Adjustment			(149,865)		(149,865)	
At 31 Dec 2011	<b>8,948,093</b>	<b>5,778,447</b>	<b>79,777,886</b>	<b>12,142,213</b>	<b>1,833,271</b>	<b>108,479,910</b>
<b>NET BOOK VALUE</b>						
At 31 Dec 2011	<b>80,000,000</b>	<b>24,577</b>	<b>11,217,617</b>	<b>346,177</b>	<b>536,024</b>	<b>92,124,395</b>
At 01 Jan 2011	57,717,836	55,316	13,126,447	488,352	1,010,861	72,398,812

4.1 The building occupied by the Bureau at Villa Road, Moka was revalued at Rs 50.5m.in the year ended 30 June 2008 by an independent chartered valuation surveyor firm. A new revaluation exercise was conducted by an independent valuation surveyor and the new revalued amount stand at Rs 80m as at 31 December 2011.

4.2 If MSB's building was to be measured on historical cost basis, its carrying amount would have been as follows:

	As at 31.12.2011	As at 31.12.2010
	MUR	MUR
<b>Building</b>	<b>30,746,258</b>	<b>33,233,784</b>

**NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

**5 INTANGIBLE FIXED ASSETS**

	<b>SOFTWARE COST (MUR)</b>	<b>RESEARCH AND DEVELOPMENT COST (MUR)</b>	<b>TOTAL (MUR)</b>
<b>COSTS</b>			
At 01 January 2011	2,324,168	1,047,090	3,371,258
Additions	143,635	-	143,635
Adjustment	300,029	-	300,029
<b>As at 31 December 2011</b>	<b>2,767,832</b>	<b>1,047,090</b>	<b>3,814,922</b>
<b>DEPRECIATION</b>			
At 01 January 2011	1,396,043	314,127	1,710,170
Adjustment	149,865		149,865
Depreciation for period	814,854	209,418	1,024,272
<b>At 31 December 2011</b>	<b>2,360,762</b>	<b>523,545</b>	<b>2,884,307</b>
<b>NET BOOK VALUE</b>			
<b>At 31 Dec 2011</b>	<b>407,070</b>	<b>523,545</b>	<b>930,615</b>
At 31 Dec 2010	928,125	732,963	1,661,088

**6 FINANCING OF APPROVED ORIGINAL AND FINAL BUDGET**

The Approved and Final Budget 2011 were as follows:

	<b>MUR Original Approved Budget</b>	<b>MUR Final Budget</b>
<b>Total Budgeted Recurrent Cost</b>	<b>55,832,600</b>	<b>49,589,000</b>
<b>Financed by</b>		
Recurrent grant	37,832,600	27,000,000
Revenue generated by activities	18,000,000	22,589,000
<b>TOTAL</b>	<b>55,832,600</b>	<b>49,589,000</b>
<b>Capital Budget</b>	<b>10,000,000</b>	<b>10,000,000</b>

The total budgeted cost in the Original Approved Budget was Rs 55,832,600. It was to be financed by an expected recurrent grant of Rs 37,832,600 and Revenue generated from its activities of Rs 18,000,000. In Government Budget 2011, only an amount of Rs 27,000,000 was earmarked as recurrent grant to MSB.

In the Final Budget, total budgeted was reduced to Rs 49,589,000 since 4 members of the staff were on leave without pay. The Final Budget was financed by Government grants of Rs 27m and revenue generated by operations of Rs 22,589,000.

The original and Final Capital Budget for 2011 both stood at Rs 8m.

## **7 FUTURE COMMITMENTS**

MSB is a beneficiary of a grant from L'Agence Francaise de Development for the consolidation and upgrading of its laboratories and for the strengthening of its institutional capacity. Three projects have been approved by L'Agence Francaise de Development as listed hereunder:

- (a) Upgrading of Electrical Engineering Laboratory (42,000 Euros);
- (b) Setting up facilities for testing of footwear and Leather Testing (63,000 Euros)
- (c) Upgrading of testing facilities for PVC pipes and fittings (30,000 Euros)

The total grant amounts to 135,000 Euros.

## MAURITIUS STANDARDS BUREAU

### NOTES TO THE FINANCIAL STATEMENTS FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

During the financial period July 2009 to 31 December 2010 the following projects were executed:

Projects	Contract Value	Amount paid (Euro)/ MUR	Status of the Project
Setting up a National Regulatory Framework in Mauritius	37,930 Euro	37,930 Euro (MUR1,601,480)	Completed
Upgrading of test facilities for PVC Pipes and Fittings	50,910 Euro	37,637 Euro (MUR 1,589,109)	Only First Mission completed and 70% of the contract valued was claimed- 37,637 Euro. The second mission will be conducted after procurement of the equipment and is being scheduled for June 2012
Technical Assistance for Leather and Footwear Laboratories	33,400 US \$	10,020 US\$ (MUR 314,127)	Only First Mission completed and 30% of the contract valued was claimed- US\$ 10,020. The second mission will be conducted after procurement of the equipment and is being scheduled for September 2012

No project was executed in 2011 under the AFD project.

The service of a consultant was contracted to advise the bureau for upgrading testing facilities for Footwear and Leather products at the cost of Rs 314,127 was accounted in 2010 as Research and Development cost in line with IPSAS 31. The service of another consultant was contracted to advise the bureau for upgrading testing facilities for PVC pipes at a cost of Rs 1,589,109 in 2010.

## MAURITIUS STANDARDS BUREAU

### NOTES TO THE FINANCIAL STATEMENTS FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

#### 8 TRADE AND OTHER RECEIVABLES

	<b>As at 31.12.2011 MUR</b>	<b>As at 31.12.2010 MUR</b>
Trade Debtors	4,234,962	7,202,062
Grant receivable under AFD Project	4,798,092	4,798,092
Prepayments	198,113	277,445
Deposits CEB	144,000	144,000
	<b>9,375,167</b>	<b>12,421,600</b>

An amount of MUR 3,062,920 for debts of years 2005 to 2008 was written off during the current year. MSB is recognizing a provision for irrecoverable debts amounting to MUR 1,256,783 as at 31 December 2011, relating to services rendered for the year 2009 where supporting information held on a former legacy “World Financial Accounting Software” for enforcement purposes, were no longer retrievable as the system had completely crashed.

Movement in provision for irrecoverable debt is as follows:

	<b>MUR</b>
Provisions as at 31 December 2010	1,029,203
Increase in provisions transferred Statement of Comprehensive Income	227,580
Provisions as at 31 December 2011	<b>1,256,783</b>

Trade receivables disclosed above are classified as receivables and are therefore measured at cost. The average credit period on rendering services is 30 days.

## MAURITIUS STANDARDS BUREAU

### NOTES TO THE FINANCIAL STATEMENTS FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

#### 9. LOANS RECEIVABLES FROM STAFF

Loans receivable relates to car loans provided to eligible staffs who work for the Bureau. Loans bears interest at the current rate of 7.5% and secured over the vehicles. Current amounts relate to those receivable within a year. Non-current amounts relate to those receivable after more than a year. Non-outstanding amount recoverable from staff under loan agreement are as follows:

	<b>2011 12 months MUR</b>	<b>2010 18 months MUR</b>
Opening balance	4,526,319	3,589,592
New car loans to staff	1,400,000	2,950,260
Car loan instalments received	(1,451,056)	(2,013,533)
	<b>4,475,263</b>	<b>4,526,319</b>

	<b>NON-CURRENT</b>		<b>CURRENT</b>	
	<b>As at 31.12.2011 MUR</b>	<b>As at 31.12.2010 MUR</b>	<b>As at 31.12.2011 MUR</b>	<b>As at 31.12.2010 MUR</b>
Car loans to staff	3,222,483	3,283,776	1,252,780	1,242,543
	<b>3,222,483</b>	<b>3,283,776</b>	<b>1,252,780</b>	<b>1,242,543</b>

#### 10. RETIREMENT BENEFIT OBLIGATIONS

The Bureau operates funded defined benefit plans for qualifying employees. Under the plans, the employees are entitled to retirement benefits varying between 40% and 45% of final salary on attainment of a retirement age of 65. No other post-retirement benefits are provided to these employees. The most recent actuarial valuations of plan assets and the present value of the defined benefit obligation were carried out in February 2011 by Mr. V J Seeroo, Manager (Actuarial and Pension) for the period ended 31 December 2011. The present value of the defined benefit obligation, and the related current service cost and past service cost, were measured using the Projected Unit Credit Method.

## MAURITIUS STANDARDS BUREAU

NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

## FIGURES FOR IPSAS 25 ADOPTION FOR:

## Mauritius Standards Bureau

## For period ending 31 December 2011

	Year ending 31 December 2011 Rs	18 months ending 31 December 2010 Rs
<b>Amounts recognised in balance sheet at end of year:</b>		
Present value of funded obligation (Fair value of plan assets)	83,940,669 (47,069,495)	78,924,422 (45,559,495)
Present value of unfunded obligation	36,871,174 0	33,364,927 0
Unrecognised actuarial gain/(loss)	(29,349,678)	(28,779,103)
Unrecognised transition amount	0	0
<b>Liability recognised in balance sheet at end of year</b>	<b>7,521,496</b>	<b>4,585,824</b>
<b>Amounts recognised in income statement:</b>		
Current service cost (Employee contributions)	2,511,402 (1,388,370)	3,502,175 (1,995,627)
Fund expenses	84,773	129,619
Interest cost (Expected return on plan assets)	8,287,064 (4,801,245)	10,374,354 (6,223,946)
Actuarial loss/(gain) recognised	1,099,298	851,465
Past service cost recognised	0	0
Transition effect of adopting IPSAS 25	0	0
<b>Total, included in staff costs</b>	<b>5,792,922</b>	<b>6,638,040</b>
<b>Movements in liability recognised in balance sheet:</b>		
At start of year	4,585,824	2,433,106
Total staff cost as above	5,792,922	6,638,040
(Actuarial reserves transferred in (Contributions paid by employer)	(6,959) (2,850,291)	0 (4,485,322)
At end of year	<b>7,521,496</b>	<b>4,585,824</b>
<b>Actual return on plan assets:</b>	<b>1,176,708</b>	<b>6,344,876</b>
<b>Main actuarial assumptions at end of year:</b>		
Discount rate	10.50%	10.50%
Expected rate of return on plan assets	10.50%	10.50%
Future salary increases	7.50%	7.50%
Future pension increase	5.50%	5.50%

The assets of the plan are invested in funds managed by State Insurance Company of Mauritius Ltd.  
The discount rate is determined by reference to market yields on bonds.

## FIGURES FOR IPSAS 25 ADOPTION FOR: Mauritius Standards Bureau

### For period ending 31 December 2011

	Year ending 31 December	2011
<b>18 months ending 31 December 2010</b>		
<b>Reconciliation of the present value of defined benefit obligation</b>	Rs	Rs
Present value of obligation at start of period	78,924,422	65,868,914
Current service cost	2,511,402	3,502,175
Interest cost	8,287,064	10,374,354
(Benefits paid)	(3,827,555)	(6,956,323)
Liability (gain)/loss	(1,954,664)	6,135,302
Present value of obligation at end of period	83,940,669	78,924,422
<b>Reconciliation of fair value of plan assets</b>		
Fair value of plan assets at start of period	45,559,495	39,819,612
Expected return on plan assets	4,801,245	6,223,946
Employer contributions	2,850,291	4,485,322
Employee contributions	1,388,370	1,995,627
Actuarial reserves transferred in	6,959	
(Benefits paid + other outgo)	(3,912,328)	(7,085,942)
Asset gain/(loss)	(3,624,537)	120,930
Fair value of plan assets at end of period	47,069,495	45,559,495
<b>Distribution of plan assets at end of period</b>		
Percentage of assets at end of year		
Government securities and cash	50.6%	52.2%
Loans	7.8%	7.8%
Local equities	23.2%	25.2%
Overseas bonds and equities	17.5%	14.0%
Property	0.9%	0.8%
Total	100%	100%
<b>Additional disclosure on assets issued or used by the reporting entity</b>		
Percentage of assets at end of year	(%)	(%)
Assets held in the entity's own financial instruments	0	0
Property occupied by the entity	0	0
Other assets used by the entity	0	0
<b>History of obligations, assets and experience adjustments</b>		
Year		
Currency	Rs	Rs
Fair value of plan assets	47,069,495	45,559,495
(Present value of defined benefit obligation)	(83,940,669)	(78,924,422)
Surplus/(deficit)	(36,871,174)	(33,364,927)
Asset experience gain/(loss) during the period	(3,624,537)	120,930
Liability experience gain/(loss) during the period	1,954,664	(6,135,302)
<b>Year</b>	<b>2012</b>	
Expected employer contributions	3,244,839	
<b>(Estimate to be reviewed by Mauritius Standards Bureau )</b>		

**MAURITIUS STANDARDS BUREAU****NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011****11. RECURRENT GRANTS**

Recurrent Grants received are as follows:

	<b>MUR 2011 12 months</b>	<b>MUR 2010 18 months</b>
From Government	27,000,000	24,800,000
From Agence Francaise de Development	-	3,751,002
<b>TOTAL</b>	<b>27,000,000</b>	<b>28,551,002</b>

**12. DEFERRED CAPITAL GRANTS/INCOME**

	<b>2011 12 months MUR</b>	<b>2010 18 months MUR</b>
Opening Balance 1 Jan 2011	76,124,176	72,058,799
Received/appropriated in 2011	<u>10,090,000</u>	<u>22,940,521</u>
	86,214,176	94,999,320
Released during the year to I& E	(11,188,948)	(18,875,144)
<b>Closing balance 31 Dec 2011</b>	<b><u>75,025,228</u></b>	<b><u>76,124,176</u></b>

**13 PAYABLES**

<b>PAYABLES</b>	<b>As at 31.12.2011 MUR</b>	<b>As at 31.12.2010 MUR</b>
Accrued Expenses	1,695,950	1,348,137
Accrued Expenses under AFD Project	4,798,092	4,798,092
Payment on account – bid bonds	93,658	93,658
	<b><u>6,587,700</u></b>	<b><u>6,239,887</u></b>

**MAURITIUS STANDARDS BUREAU**

**NOTES TO THE FINANCIAL STATEMENTS**

**FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

**14. PROVISIONS**

Provisions are recognized when the Bureau has a present obligation (legal or constructive) as a result of a past event, it is probable that the Bureau will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at the balance sheet date, taking into account the risks and uncertainties surrounding the obligation.

Where a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows.

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party such as SICOM, the receivable is recognized as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably.

Movements on provisions are as follows:

	<b>Sick Leave</b>		<b>Passage Benefits</b>	
	<b>2011</b> <b>12 months</b> <b>MUR</b>	<b>2010</b> <b>18 months</b> <b>MUR</b>	<b>2011</b> <b>12 months</b> <b>MUR</b>	<b>2010</b> <b>18 months</b> <b>MUR</b>
Opening Balance	9,048,596	7,279,582	2,672,885	2,098,149
Increase during the period	1,475,553	3,243,220	926,692	1,565,063
provisions paid out	(843,561)	(1,474,206)	(1,260,219)	(990,327)
	<b>9,680,588</b>	<b>9,048,596</b>	<b>2,339,358</b>	<b>2,672,885</b>

	<b>Non-Current</b>		<b>Current</b>	
	<b>As at</b> <b>31.12.2011</b> <b>MUR</b>	<b>As at</b> <b>31.12.2010</b> <b>MUR</b>	<b>As at</b> <b>31.12.2011</b> <b>MUR</b>	<b>As at</b> <b>31.12.2010</b> <b>MUR</b>
Employees benefits-Leaves	8,822,111	8,205,648	858,477	842,948
Employees benefits-Passages	-	-	2,339,358	2,672,885
	<b>8,822,111</b>	<b>8,205,648</b>	<b>3,197,834</b>	<b>3,515,833</b>

**MAURITIUS STANDARDS BUREAU**  
**NOTES TO THE FINANCIAL STATEMENTS**  
**FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011**

**15. BORROWINGS FROM ACCOUNTANT GENERAL**

<b>BORROWINGS</b>	<b>2011</b>	<b>2010</b>
	<b>12 months MUR</b>	<b>18 months MUR</b>
Opening balance	4,526,319	3,589,592
Loan proceeds for staff received	1,400,000	2,950,260
Repayments to Accountant General	(1,451,056)	(2,013,533)
Closing balance	<b>4,475,263</b>	<b>4,526,319</b>

	<b>Non-Current</b>		<b>Current</b>	
	<b>As at 31.12.2011 MUR</b>	<b>As at 31.12.2010 MUR</b>	<b>As at 31.12.2011 MUR</b>	<b>As at 31.12.2010 MUR</b>
Loan from Accountant General	3,222,483	3,283,776	1,252,780	1,242,543
	<b>3,222,483</b>	<b>3,283,776</b>	<b>1,252,780</b>	<b>1,242,543</b>

Current amounts relate to those payable within a year. Non-current amounts relate to those payable after more than a year.

**16. RENDERING OF SERVICES**

	<b>2011</b>	<b>2010</b>
	<b>12 months MUR</b>	<b>18 months MUR</b>
Training	888,500	2,108,467
ISMS	65,600	-
ISO 9000 registration & Certification	2,276,077	3,140,036
Mauricert Scheme	336,325	393,000
Testing & related services	17,562,343	23,128,884
Calibration	1,254,770	1,480,725
Sale of Standards	782,762	1,768,078
Miscellaneous services	53,156	358,237
	<b>23,219,533</b>	<b>32,377,427</b>

## MAURITIUS STANDARDS BUREAU

NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

## 17. STAFF COSTS

	<b>2011 12 months MUR</b>	<b>2010 18 months MUR</b>
<b>Personnel Emoluments</b>		
Salary	22,262,709	35,421,308
Compensation	465,610	405,828
Bonus	1,901,445	3,900,004
Overtime allowance	307,630	835,204
Other Allowances	811,204	1,310,790
Fees to members of Council & Technical Committees	552,066	756,727
Pension contributions-SICOM	5,785,963	6,638,040
Pension contribution-NPF	38,583	154,738
Passage benefits	926,692	1,565,063
Provision for sick leave	1,475,553	3,243,220
National Savings Fund	233,555	346,938
Family Protection Scheme	440,013	661,109
Gratuity	156,580	278,392
Medical Scheme	90,420	150,390
<b>Total Personnel Emoluments</b>	<b>35,448,023</b>	<b>55,667,751</b>
Travelling & Transport	3,113,483	4,709,820
<b>Total Staff Costs</b>	<b>38,561,506</b>	<b>60,377,571</b>

## MAURITIUS STANDARDS BUREAU

NOTES TO THE FINANCIAL STATEMENTS  
FOR THE PERIOD 1 JANUARY 2011 TO 31 DECEMBER 2011

## 18. ADMINISTRATIVE EXPENSES

	<b>2011</b> <b>12 months</b> <b>MUR</b>	<b>2010</b> <b>18 months</b> <b>MUR</b>
Office expenses	838,124	1,015,993
Advertising and Publications	10,235	317,907
Utilities	2,393,207	2,820,811
Motor vehicle running expenses	272,209	320,973
Uniforms	118,496	178,207
Training	103,528	637,337
Seminar	77,125	283,538
Legal & professional fees	330,050	2,146,708
Security charges	464,425	709,363
Insurance	206,336	304,049
Consultancy	70,000	193,664
Courses	114,174	-
Bank charges	39,882	22,165
Bad debt written-off	3,062,920	200,743
Increase in provision for irrecoverable debts	227,580	686,628
<b>TOTAL</b>	<b>8,328,291</b>	<b>9,838,086</b>

## 19. OPERATING EXPENSES

	<b>2011</b> <b>12 months</b> <b>MUR</b>	<b>2010</b> <b>18 months</b> <b>MUR</b>
Testing	421,032	2,745,691
Documentation	71,904	42,278
Registration of assessors	9,737	13,991
Maintenance of premises & equipment	1,115,020	2,177,914
Apparatus and consumables	670,533	1,697,124
Missions	216,683	69,875
Subscription to international organisations	1,315,317	1,397,983
Promotional activities	368,076	138,749
Purchase of standards/calibration	104,469	245,167
Royalties	181,387	417,188
ISO 9000 expenses	1,453,176	1,545,658
<b>TOTAL</b>	<b>5,927,334</b>	<b>10,491,618</b>