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அளவீட்டு அலகுகள், நியமங்கள் மற்றும் சேவைகள் திணைக்களம்
MEASUREMENT UNITS, STANDARDS AND SERVICES DEPARTMENT

කර්මාන්ත හා වාණිජ කටයුතු අමාත්‍යාංශය
கைத்தொழில் மற்றும் வர்த்தக துறை அமைச்சு
MINISTRY OF INDUSTRY AND COMMERCE



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செயலாற்று அறிக்கைகளும் ஆண்டு கணக்குகளும்
PERFORMANCE REPORT AND ANNUAL ACCOUNTS

2017

**PERFORMANCE REPORT
AND
ANNUAL ACCOUNTS 2017**

Content

	Page
1. Department and Its Functions	1
1.1 Introduction	1
1.2 Vision	1
1.3 Mission	1
1.4 Metrology	1
1.4.1 Scientific Metrology (Fundamental Metrology)	2
1.4.2 Industrial Metrology (Applied Metrology)	2
1.4.3 Legal Metrology	3
1.5 Staff Information	4
1.5.1 The Cadre Composition - 2017	4
1.5.2 Staff Updates in 2017	6
2. Service Provided by the Department	7
2.1 Pattern Approval	7
2.2 Industrial Calibration	7
2.3 Re-verification of Working Standards	7
2.4 Verifications, Inspections, and Raids of Weighing and Measuring Instruments Conducted on District Basis	7
2.5 Inspection of Pre-packed Commodities	8
2.6 Registration of Private Entrepreneurs Engaged in Commercial Activities Controlled over Legal Metrology	8
2.7 Generation and Broadcasting the Standard Time of Sri Lanka	8
2.8 Calibration of Measuring Instruments Used in Health Sector	9
3. International Relations, Training Programmes, and Conferences	9
4. Local Training Programmes	9
4.1 Training Programmes Conducted by MUSSD	9
4.2 Orientation of Officers in Local Training Programmes	10
5. Physical Development	10

5.1	Procurement of Physical Items	10
5.1.1	Procurement of Standard Measuring Instruments	10
5.1.2	Facilities Provided to Head Office	11
5.2	Future Projects	12
5.2.1	International recognition for the calibration capabilities of the National Measurement Laboratory of MUSSD	12
6.	National Measurement Laboratory	13
6.1	Information on Calibration Services Provided by Each Laboratory	13
6.2	Revenue of Calibration Services Provided by National Measurement Laboratory – 2017	15
6.3	Pattern Approval of Weighing and Measuring Instruments – Year 2017	16
6.4	Summary of Income – National Measurement Laboratory	16
	Foreign Trainings & Conferences – 2017	17
	Local Training - 2017	18
	Distribution of Private Entrepreneurs Engaged in Commercial Activities Controlled over Legal Metrology	21
	Registrations of Private Entrepreneurs Engaged in Commercial Activities Controlled over Legal Metrology – Year 2017	22
	Verification Programme - Income in 2017	22
	Raids Programme – Progress in 2017	23
	Representation of Verification Income on District Basis	24
	Verification Programme – 2017	
	Representation of Number of Units on District Basis	25
	Graph 1 – Income of Verification	26
	Graph 2 – Number of Units Verified	26
	Graph 3 – Progress of Raids	27
	Graph 4 – Cases Concluded	27
	Awareness Programme – Progress in 2017	28
	Quarterly Progress of Awareness Programmes – 2017	29
	Pattern Approval of Weighing Instruments – Year 2017 (Appendix 1)	30
	Pattern Approval of Fuel Dispensers – Year 2017 (Appendix 2)	33

Annual Accounts	35
Recurrent Expenditure – Consolidated Fund	36
Capital Expenditure – Consolidated Fund	36
Summary of Expenditure –Consolidated Fund	37
Measurement Units, Standards and Services Department	
Income for the year as at 31.12.2017	37
Measurement Units, Standards and Services Fund	
Summary of Expenditure	38
Measurement Units, Standards and Services Fund	
Statement of Expenditure for the Year as at 31.12.2017	38

Measurements Units, Standards and Services Department Performance Report and Annual Accounts - 2017

The aim of this report is to show the basic policy, projects of Measurement Units, Standards & Services Department which have been implemented and to represent the progress of the projects that have been implemented during the year 2017.

1. The Department and Its Functions

1.1 Introduction

Measurement Units, Standards and Services Department (MUSSD) was established under the Measurement Units, Standards and Services Act No. 35 of 1995. MUSSD functions under the purview of ministry of industry and Commerce. The department is responsible for, providing accurate and reliable measurement procedures and metrology services, safeguarding the interests of the consumer, maintaining and updating the National Measurement Standards in conformity with the international measurement system by implementing the law and regulations of this act.

Each country in the world has a special establishment responsible to realize, establish and maintain the national measurement standards. It is generally called National Measurement Institute (NMI). MUSSD bears the responsibilities of the NMI in Sri Lanka. Establishment, maintenance, and dissemination of national measurement standards in Sri Lanka are done by the National Measurement Laboratory (NML) established under the department. Moreover various calibrations and verification services for measuring instruments used in fields such like industry, engineering, environment, health protection, road safety etc; are provided by MUSSD.

Further the recommendations of OIML¹ are followed in legal metrological activities. Pattern approval of electrical and mechanical weighing and measuring instruments, initial and annual verification of such instruments are being done according to those recommendations.

1.2 Vision

Accurate and reliable measurements for well protected customer community

1.3 Mission

“To establish, maintain & disseminate the national measurement standards in compliance with international standards, ensuring justice & equity for producers, traders, metrological & other service providers & consumers, through the regulatory & service activities based on measurements to uplift the quality of life and standards of Sri Lankans”

1.4 Metrology

Metrology is the science of measurements and its applications. Measurements related to various quantities such like mass, length, time, pressure, volume, electric current, electric resistance etc; are frequently necessary in the daily life activities. All the researches, scientific and

¹ International Organization of Legal Metrology

regulatory activities carried out internationally and locally for sustaining a unity of physical quantities and units can be defined to be Metrology.

Metrology can be classified into three fields.

1. Scientific Metrology (Fundamental Metrology)
2. Industrial Metrology (Applied Metrology)
3. Legal Metrology

Out of these fields industrial metrology and legal metrology are extensively rely on the basis of scientific metrology.

1.4.1 Scientific Metrology (Fundamental Metrology)

This is major out of three fields in metrology, sometimes referred to as Fundamental Metrology, is the subject concerns the establishment of quantity systems, unit system of measurement, development of new measurement methods, establishment, definition, and realization of local and international measurement standards, and transferring traceability to the user in the society through the hierarchy of such standards. Also scientific metrology covers theoretical and practical aspects of identification and resolving measurement problems and related issues.

Implementation of activities related to Scientific Metrology is as follows.

1. Establishment of the National Measurement Laboratory and National Measurement System of the country
2. Realization, establishment, updating, maintenance and dissemination of National Measurement Standards
3. Establishment and maintenance of the National Measurement Standards so as to traceable to International Measurement Standards (SI)
4. Dissemination and promotion of measurement parameters and technology necessary for different fields
5. Upgrading the calibration and measurement capabilities (CMC) by participating in international bilateral and multilateral inter-comparisons related to various quantities
6. Providing training and consultancy services on metrology
7. Metrology researches
8. Generating Sri Lanka Standard Time and broadcasting via www.sltime.org

1.4.2 Industrial Metrology (Applied Metrology)

Industrial Metrology concerns how to apply measurement science to manufacturing and industrial processes. Ensuring the compliance of use of measuring instruments, industrial metrology addresses the application of measuring instruments in industry, and quality control of them. There the management of measuring instruments and industrial calibration are done according to the requirements of a quality production process.

Activities carried out by the department related to Industrial Metrology are as follows.

1. Providing necessary laboratory facilities for calibration of measures and measuring instruments/systems used in production industry (including laboratory calibrations and on site calibrations)

2. Inspection and verification of large scale measuring instruments established in production and service industries
3. Providing necessary training and consultancy on resolving measurement problems raised in industrial measurements

1.4.3 Legal Metrology

Legal Metrology concerns the field of legal control of measurement. It is the process of certifying measures and measuring instruments to be complied with measurement laws in the country after the inspection of such instruments and measures according to the legal requirements on the use of measuring instruments. Necessary legal provisions have been provided via the act No. 35 of 1995. Accordingly, law and regulations made are implemented throughout the sectors like health, public safety, environment, enabling taxation, protection of consumers and fair trade.

Activities under legal metrology implemented by Measurement Units, Standards & Services Department have been defined in the act and its regulations. Weighing and measuring found in all the commercial transactions are controlled by measurement law. The act empowers the department to regulate legal metrological activities in the following ways.

1. Calibration of working standards and establishment of such standards in district basis (according to the act the District Secretary serves as the Superintendent of Measurement Services also and working standards are kept under the custody of him)
2. Initial and annual verification of weights, measures, weighing and measuring instruments used in trade
3. Registration of manufacturers, importers, repairers and sellers of weights, measures, weighing and measuring instruments used in trade
4. Protect consumers by implementing the penal section of the act
5. Consumer awareness on Legal Metrology
6. Granting pattern approval of weights, measures, weighing and measuring instrument used in trade and industry (This service is provided by the National Measurement Laboratory)
7. Inspection and control of pre-packed commodities
8. Verification of measuring instruments related to health sector, environment protection, and road safety
9. Prosecution against persons who commit fraud measurements by conducting market raids

1.5 Staff Information

1.5.1 The Cadre Composition – 2017 (table 1)

Position	Salary Scale	Service Category	Class	Approved Cadre	Actual Cadre			Vacancies
					Permanent	Casual	Acting	
Director MUSS	SL-1-2016	SLSS	I	01	-	-	01	01
Deputy Director MUSS/ Assistant Director MUSS	SL-1-2016	SLSS	III/II/I	11	9	-	-	02
Assistant Director (Admin)	SL-1-2016	SLAS		01	-	-	-	01
Assistant Director (departmental)	SL-1-2016	Departmental		01	-	-	-	01
Accountant	SL-1-2016	SLAcS	II/I , II/II	01	01	-	-	-
Accountant (Internal Audit)	SL-1-2016	SLAcS		01	-	-	-	01
Administrative Officer	MN-7-2016	Public Management Assistant Service	Supra	01	-	-	-	01
Assistant Superintendent of MUSS	MN-7-2016	Departmental		04	-	-	01	04
Measurement Services and Devices Inspector	MN-7-2016	SLTS (special)		25	09	-	-	16
Metrology Experimental Officer	MN-4-2016	Departmental		18	03	-	-	15
District Metrology Investigation Assistant	MN-4-2016	Departmental		03	03	-	-	-
Information & Communication Technology Officer	MN-4-2016	IT Service		01	01	-	-	-
Development Officer	MN-4-2016	Development Officers Service		60	37	-	-	23

(table 1)

Performance Report 2017

Position	Salary Scale	Service Category	Class	Approved Cadre	Actual Cadre			Vacancies
					Permanent	Casual	Acting	
Librarian	MN-3-2016	Sri Lanka Government Librarian Service		01	-	-	-	01
Inspector of MSD	MN-3-2016	Sri Lanka Technical Service	III/II/I	91	60	-	-	31
Laboratory Assistant	MN-3-2016	Departmental		04	-	-	-	04
Public Management Assistant	MN-2-2016	Public Management Assistant Service		20	15	-	-	05
Technician	MT3/PL3	Departmental		02	-	-	-	02
Mechanic	PL3-2016	Departmental		02	02	-	-	-
Driver	PL3-2016	Combined Service		17	09	-	-	08
Measurement Standards & Services Assistant	PL2-2016	Departmental		63	39	-	-	24
Laboratory Attendant	PL2-2016	Departmental		10	03	-	-	07
Lorry Assistant	PL1-2016	Departmental		02	02	-	-	-
Office Assistant	PL1-2016	Office Assistant Service		05	05	-	-	-
Office Assistant	PL1-2016	Departmental, and Combined Service		01	01	-	-	-
Security	PL1-2016	Departmental		01	-	-	-	01
Sanitary Worker	PL1-2016	Departmental		01	-	-	-	01

1.5.2 Staff Updates in 2017 (table 2)

Position	New recruitments	Retirements	Transfer Arrivals	Transferred Out	Promotions	Resignations	Leave the Position
Assistant Director	-	01	-	-	-	-	-
Administrative Officer	-	-	-	01	-	-	-
Inspector of MSD (Special)	-	02	-	-	-	-	-
Development Officer	09	-	02	02	-	-	02
Inspector of MSD	17	01	-	-	-	-	-
Laboratory Assistant	-	-	-	-	-	01	-
Management Assistant	-	01	02	03	-	-	-
Driver	-	-	01	02	-	-	-
Measurement Standards & Services Attendant	-	02	-	-	-	-	-

2. Services Provided by the Department

2.1 Pattern Approvals

The pattern approval is an attestation of any weight, measure or weighing/measuring instrument after a pattern test, performed by a recognized laboratory to check whether they are in conform with the measurement law in Sri Lanka, before they are sent to the market by a producer or before they are imported. Pattern approval is a technical assessment. The original model of the instrument is undergone through a series of tests at the National Measurement Laboratory. The design and the structure of each of the components of the instrument are checked against the recommendations on type approval defined by the International Organization of Legal Metrology – (OIML). Subsequently based on the evaluation of the test results a pattern approval is granted by MUSSD for the intended weights, and measuring instruments including vehicle emission testing units, and fuel dispensers (Appendix 1, and 2).

2.2 Industrial Calibrations

Calibration facilities for pressure gauges, thermometers, weights, scales and length measuring instruments, electrical measuring instruments, moisture meters, laboratory balances etc; which are used in industry, engineering or any other related field are now available at MUSSD. Calibration certificates are also issued with such calibrated instruments.

Industrial calibration is one of the main services provided by the National Measurement Laboratory. Moreover verification of vehicle speed detectors and vehicle emission testing instruments has been started (table 8). Amendments of calibration charges are as per the extraordinary gazette No. 1921/54 dated 2 July 2015.

2.3 Re-verification of Working Standards

Working Standards used for verifying weighing and measuring instruments related to trade and industry have been retained under the custody of secretary of each district in the country. These standards must be calibrated once in two years. Calibration of working standards is done at the National Measurement Laboratory. Working standards include standard weights, standard volume measures, and standard length measures.

2.4 Verifications, Inspections, and Raids of Weighing and Measuring Instruments Conducted on District Basis

Inspections and raid programmes are implemented by MUSSD to ensure that the weights, measures, weighing and measuring instruments used in the country are utilized in conformity with the weights and measures laws and regulations of the country. These programmes are very helpful, in terms of legal metrology, not only to protect the customer but also to ensure an accurate and reliable measuring practice in the country.

Verification of weights, measures, weighing and measuring instruments used in trade is done by Measurement Services and Devices Inspectors who assume duties at Measurement Units, Standards & Services Divisions of each District Secretariat. Verification centers are held at Pradeshiya Sabha and any other government institutes of each district under the prior approval of the District Secretariat. Moreover a mobile verification unit for weigh bridges has been commissioned to verify annually all weigh bridges placed in every district. All fuel dispensers

mounted at every fuel station in the country are verified once every year. For the particular purpose a Fuel Dispensers Verification Unit has been introduced. (Tables 15, 16, 17, and 18)

2.5 Inspection of Pre-Packed Commodities

The commodities that have been packed before selling to the consumers are called Pre-Packed Commodities. Net content mentioned (weight, volume, length etc) on the pre-packed item is undergone to inspections for verifying whether the right content is available at the display of goods in the market. Inspection of pre-packages is performed according to OIML regulations.

When inspecting pre-packages, samples of a particular item available at the display in the market are arbitrarily selected and subsequently the net content (weight, volume, length etc) of the item is measured. Here a definite number of replicas of such pre-packed item are inspected in their content. The results are then analyzed statistically. The final decision on the pre-package would be based on the statistical analysis and regulations made on prepackages by the department after comparing the net content and the results against the recommended tolerance/missible error. Further details are referred to the extraordinary gazette No. 1499/7 dated 29 May 2007.

2.6 Registration of Private Entrepreneurs Engaged in Commercial Activities Controlled over Legal Metrology

Any organization or individual who is engaged in selling, manufacturing, importing or repairing of weights, measures, weighing and measuring instruments must get registered with the department as per section 21 of the Measurement Units, Standards and Services act. For that the person must apply via a prescribed application form determined by the Director of Measurement Units, Standards and Services and the corresponding fees must be paid. The certificate issued in such registrations will be expired on 31st December of the year.

Before starting a business of repairing weights or measuring instruments the interested person should first face to a practical test hold by MUSSD to prove his competencies and qualification related to such repair activities. Examination fees should be paid by the person.

Subsequently the workshop of the applicant who is qualified through the practical examination is inspected by the officers of MUSSD to check whether the necessary tools and equipment are readily available for the repair purpose.

After qualifying through the practical test and satisfactory witness of the workshop a registration certificate is issued to the applicant (tables 13, 14). The certificate empowers the person to be a qualified repairer. This certificate is not transferable. In case of any change of the business ownership, a qualified technician must be appointed in the business immediately. Registration fees and all related details have been published in the extraordinary gazette No. 1921/54 dated 2 July 2015.

2.7 Generation and Broadcasting the Standard Time of Sri Lanka

MUSSD possesses the honor to be the pioneer of generating and broadcasting the Standard Time in Sri Lanka since 2011. Sri Lanka Standard Time was launched by the Electric Time and Frequency Laboratory of NML as a new project in order to establish the island wide unity

of time. For the purpose a Rubidium Atomic Clock has been established to generate the accurate time in Sri Lanka in accordance with Universal Time Coordinates (UTC) and the new website www.sltime.org was launched in April 2011 to broadcast the accurate time. People are now able to set their time correctly via the website at any time in the day. All the respective parties are informed to set their clocks with correct time using the website.

Presently steps have been taken to upgrade this extensively developing service by introducing a Caesium Atomic Clock which is able to generate the most accurate time in the world.

2.8 Calibration of Measuring Instruments Used in Health Sector

It is ensured the accuracy of measuring instruments such like weighing machines, scales, blood pressure meters, and thermometers, used in health sector by calibrating them which in turn results in a reliable diagnose and treatment. In this regard MUSSD is capable of providing calibration/verification facilities for hospitals and other related institutes.

3. International Relations, Training Programmes, and Conferences

Relations in metrological perspectives are created with various countries in order to maintain the international and regional corporation of Metrology. It also helps to establish international traceability of measurement and overcome the technical barriers arise in trade. International relations are essential further to provide a secure basis for scientific and other measurement practices we have and to reduce technical disputes arising in many countries.

MUSSD has been continuing relations with the following organizations related to metrology.

1. Membership of the International Organization of Legal Metrology (OIML)
2. Membership of the Asia Pacific Metrology Programme (APMP)²
3. Associate membership of the International Committee of Weights and Measures (CIPM)³ and Mutual Recognition Agreement (MRA)⁴
4. Participation in various projects implemented under SAARC-PTB bilateral technical corporation (corporation between German Metrology Institute and SAARC) as a regional country

Apart from the above relations MUSSD has participated in international comparison programmes pertaining to various physical quantities every year and has proven satisfactory results from them. Officials from MUSSD have participated in many foreign training programmes and conferences related to metrology in 2017. (table 11)

4. Local Training Programmes

4.1 Training Programmes Conducted by MUSSD

A special programme was launched in 2016 to offer training opportunities necessary for the field of metrology. At present MUSSD has had enough resource persons to offer training on

² Asia Pacific Metrology Programme

³ International Committee for Weights and Measures

⁴ Mutual Recognition Arrangement

Chemical Metrology and Uncertainty Calculations. Information on such training programmes conducted in 2017 is given in table 3 below.

Name of the course	Dates	Number of participants	Fee* Rs.
Uncertainty Estimation in Measurement Science	2017.03.30	18	9500.00
Uncertainty Estimation in Measurement Science	2017.08.17	19	9500.00

(table 3) *Fee per person

4.2 Orientation of Officers in Local Training Programmes

MUSSD is always actively interested in identifying necessary training needs of all officers in every section. It is believed that every officer of the department must have to maintain a proven track record of skills related to his daily work. Necessary training is provided to officers so that they can improve their gained knowledge further and enable them to have promotions with updated knowledge and well experience at work. Information on local training programmes in which MUSSD officers were participated is represented in table 12.

5. Physical Development

5.1 Procurement of Physical Items

This is reference to all furniture, electric appliances, laboratory instruments and office needs procured in 2017. These procurements cover the needs of headquarters. (table 6)

5.1.1 Procurement of Standard Measuring Instruments

Tabulated is information related to standard measuring instruments required for the National Measurement Laboratory procured in 2017. (table 5)

Instrument Name	Quantity	Total Cost Rupees
OIML Class F2 Standard Weight Set	25	2,592,578.37
OIML Class M1 Standard Weight Set	25	6,066,050.50
Precision Digital Thermometer Thermocouple & RDT	02	3,397,995.44
Fixed Point Maintenance Furnace	01	4,176,884.69
Dry Block Calibration Bath for High Temperature	04	3,955,484.48
SPTR Block Calibration Resistance Bridge with Multi channel Matrix Scanner	01	5,514,166.04
Electrical Multiproduct Calibrator	01	14,353,016.30
Calibration Gas Mixture	01	1,351,377.60
8.5 Digital reference Multi meter with Ratio Function	01	4,252,290.20

Electrical Multifunction Calibrator	01	18,124,194.86
Gauge Block set - grade K, 122 pieces, tungsten Carbide	01	2,145,179.18
Long Gauge Block set – grade 0, 8 pieces, steel	01	2,753,107.82
Gauge Block set – grade 0, 122 pieces, steel	01	1,388,722.52
Gauge Block set – grade K, 122 pieces, steel	01	1,555,722.68
Scale & Tape Measuring Instruments – BMG 2000 Tape Calibrator	01	5,004,849.16
pH Meter & Standard Buffer Solutions	01	375,381.85
Alcohol Breath Test Simulator	01	3,015,300.00
Precision Stand Alone Simulator Air pump	01	3,841,000.00
Alcohol Stock Solution Ampoules	01	172,500.00

(table 5)

5.1.2 Facilities Provided to Head Office (table 6)

Facilities Provided	Quantity	Total Cost Rupees
Laptop	70	8,139,250.00
UPS	21	69,300.00
A/C Machine	15	1,059,954.86
Table	7	51,800.00
Low back Chair	7	43,750.00
Steel Cupboard with drawers	3	30,900.00
Cushion chairs with hand rest	6	23,700.00
Notice Board	2	5,978.00
Two Door Steel Cupboard	2	25,000.00

(table 6)

5.2 Future Projects

5.2.1 International recognition for the calibration capabilities of the National Measurement Laboratory (NML)

Measurement Units, Standards and Service Department has signed the CIPM Mutual Recognition Arrangement (CIPM MRA) on behalf of the government of Sri Lanka. It is the framework through which a National Metrology Institute (NMI) demonstrates the international equivalence of their measurement standards, and the calibration and measurement certificates they issue. The outcomes of the arrangement are the internationally recognized Calibration and Measurement Capabilities (CMCs) of the participating institutes. For that, the laboratories of the institutes should be peer-reviewed and approved its measurement capabilities from internationally accepted metrology experts.

Next year, the National Measurement Laboratory (NML) of the department is going to initiate the process for obtaining international recognition according to the CIPM-MRA. As the first step, Time and Frequency Laboratory and Pressure Laboratory will initiate the peer review process followed by other existing laboratories. At the same time, expanding the scope of the laboratory for new measurement parameters, upgrade the knowledge of the laboratory staff through the international co-operation (ex: UNIDO, PTB, APMP) and dissemination of the metrology awareness by organizing training programs and workshops for industry, trade and testing and calibration laboratories will be continued as an on-going project.

In conclusion, I would like to extend my sincere thanks to all the staff of the department and the District Secretaries for their corporation and support in carrying out the duties and bearing responsibilities that are reposed on me of this department in an efficient manner.

S.N. Akuranthilaka
Director (D.A.)
Measurement Units, Standards and Services Department

6. National Measurement Laboratory

6.1 Information on Calibration Services Provided by Each Laboratory (table 7)

	Name of the Laboratory	Calibration Facilities Provided
1	Thermometry Laboratory	Clinical Thermometer Industrial & laboratory Thermometers Dial Thermometer Probe RTD & Thermocouple Thermometer Liquid in Glass Thermometer Maximum Registered Thermometer Min Max Thermometer Wall Thermometer Surface Probe Infrared Thermometer Wood Moisture Meter IR Moisture Meter Moisture Balance Standard Platinum Resistance Thermometer (Comparison Method) Standard Platinum Resistance Thermometer (Fixed Point Method) Industrial Thermocouple (Comparison Method) Industrial Thermocouple (Fixed Point Method) Liquid & Dry Block Calibration Bath Temperature Chart Recorder Laboratory Oven & Furnace Autoclave Incubator & Water Bath Deep Freezer & Refrigerator (Single Chamber, Dual Chamber) Cold Room (Room Temperature Measurement) Cold Room (With Thermal Switch Indicator) Thermal Switch/Controllers Digital Hygrometer Wet & Dry Bulb Hygrometer
2	Electric Power and Energy Laboratory	kWh meter (single phase) kWh meter (Three phase) kVA meter (Three phase) Potable power/energy meter (single phase) Accuracy class 0.1/0.2 Potable power/energy meter/energy (Three phase) Accuracy class 0.1/0.2 Reference Meter (Used in meter testing benches/single phase) Reference Meter (Used in meter testing benches/single phase) Energy Meter (laboratory/single phase) Accuracy class 0.1/0.2 Energy Meter (laboratory/Three phase) Accuracy class 0.1/0.2 Power Meter (single phase/stationary/Mobile/Lab) Power Meter (three phase/stationary/Mobile/Lab)
3	Volumetric Laboratory	Un Subdivided Measures Volumetric measures Measuring cylinders Road Tanks Micropipettes, Pipettes & Burettes only for 3 points

Performance Report 2017

4	Pressure Laboratory	Pressure Gauge Sphygmomanometers Digital Blood Pressure Meter
5	Mass Laboratory	Weights (OIML Class E2) Weight (OIML Class F1) OIML Class F2, M/Stainless Steel Industrial Weights Other Industrial Weights Balances-Class I Balances-Class II Balances-Class III & IIII Weights Bridges Button Puller Machine Hopper Scale
6	Length Laboratory	Ruler/tape Gauge Blocks Vernier Calipers Micrometers Diameter gauge Height gauge instrument Caliper tester Feeler Gauge Thickness Dial Gauge
7	Electric Time and Frequency Laboratory	Voltmeter Ammeter Ohmmeter Multi-meter 6.5 AC/DC Resistor Time/Stop watch Frequency/Tachometer Oscilloscope Function Generator

(table 7)

6.2 Revenue of Calibration Services Provided by National Measurement Laboratory – 2017 (table 8)

Month	Mass Laboratory		Dimensional Laboratory		Thermometry Laboratory		Electric Time and Frequency Laboratory		Electric Power and Energy Laboratory		Volumetric Laboratory		Pressure Laboratory	
	No. of Units	Income Rs.	No. of Units	Income Rs.	No. of Units	Income Rs.	No. of Units	Income Rs.	No. of Units	Income Rs.	No. of Units	Income Rs.	No. of Units	Income Rs.
January	0	0	25	48,000	12	18,800	11	30,500	10	12,800	0	0	9	13,500
February	67	220,800	37	75,500	3	26,950	1	5,000	0	0	2	3,200	2	3,000
March	66	59,450	22	42,500	22	50,890	6	16,000	11	13,200	0	0	4	6,000
April	9	21,900	7	12,500	2	2,700	1	2,000	1	6,000	0	0	2	3,000
May	55	36,300	14	25,500	9	17,610	1	2,000	0	0	3	2,400	2	3,000
June	92	117,850	22	44,500	3	4,900	5	13,000	2	120,000	6	7,000	1	1,500
July	38	244,950	17	30,000	13	25,880	7	18,000	0	0	3	3,400	7	10,500
August	44	121,900	12	23,000	2	2,600	7	18,000	4	194,000	3	2,400	12	15,500
September	78	53,650	6	9,000	1	2,000	4	15,500	1	2,000	2	1,600	2	3,000
October	24	25,700	18	35,500	19	33,340	7	18,000	0	0	0	0	2	3,000
November	54	233,350	10	16,500	6	14,900	3	10,500	0	0	0	0	6	9,000
December	59	46,250	15	27,500	5	12,150	0	0	0	0	1	9,600	8	12,000
Total	586	1,182,100	205	390,000	97	212,720	53	148,500	29	348,000	20	29,600	57	83,000

(table 8)

6.3 Pattern Approval of Weighing and Measuring Instruments – Year 2017 (table 9)

Type of Pattern Approval	Number of Units	Fee Rs.
Electronic Weighing Machines	26	132,000.00
Volumetric Measures	1	20,000.00
Fuel Dispensers	5	50,000.00
Vehicle Emission Unit	1	20,000.00
Total	33	222,000.00

(table 9)

6.4 Summary of Income – National Measurement Laboratory (table 10)

Service Category	No. of Instruments	Fee Rs.
01. Calibration of weights & scales	586	1,182,100.00
02. Calibration of length measurement	205	390,000.00
03. Calibration of thermometric instrument	97	212,720.00
04. Calibration of pressure gauges instrument	57	83,000.00
05. Calibration of radar equipment, analog and digital inspection instruments, stop watches, air flow meters, various multi meters, resistance substitute instruments, hip hop testers, mega ohm meters, broad band timers, load cell stimulators, clamp meters, insulation testers and tachometers.	53	148,500.00
06. Pattern approval fuel dispensing pumps and scales pattern approval of first and second testing	33	222,000.00
07. Calibration of volumetric instrument	20	29,600.00
08. Calibration of electricity meters	29	348,000.00
09. Inspection of Lidar Speed Detectors	34	70,000.00
10. Training Programmes (Chemical Metrology and Uncertainty Calculations)		351,500.00
Total	1114	3,037,420.00

(table 10)

Foreign Trainings & Conferences – 2017 (table 11)

	Name of the officer	Designation	Country	Time Period	Training/ Conference
01	Mrs. J .S .M .Silva	Deputy Director	Korea	18.03.2017 – 31.03.2017	Metrology in Mass Related Quantities (MRQ) Global Metrology Academy (GMA) KRISS - Korea
02	Mr. H.L.I.S. Sampath	Assistant Director	China	28.03.2017 – 30.03.2017	APEC Training Workshop on Solar Cells and LED Measurement Standards and Technologies. National Institute of Metrology (NIM) Beijing, China
03	Mr. R. D. M. Alanka				
04	Mr. H.A.R.S. Bandara	Mechanic	Germany	26.04.2017 - 29.04.2017	User Training of Taxi Meter Calibration Units. MAHA, Germany
05	Mr. A. M. K. Ganapathi	Development Officer			
06	Mr. A. D. D. Naminda	Assistant Director	Korea	19.05.2017 - 02.06.2017	Metrology in Length and Dimensional Measurements (LDM) Global Metrology Academy (GMA) KRISS - Korea
07	Mr. R. D. M. Alanka	Assistant Director	Korea	06.07.2017 – 02.08.2017	Improving and Specializing Consumer Affairs. KOICA, HQ, Seongnam, Korea
08	Mr. D. G. H. Pattiyawela	MSD Inspector	China	26.09.2017 – 29.09.2017	Verification of Weighbridges Changping Campus of NIM Beijing China.
09	Mr. P. D.S. Veedagama				
10	Mr. R.G.S.A. Perera	Deputy Director	Taiwan	25.10.2017 – 26.10.2017	Workshop, Inter – Laboratory Coparison Exercise for GPS Time Transfer and Calibration Techniques 2017. Chunghwa Telecom Laboratory (TL).Taiwan
11	Mr. S.D.I. Dias	Assistant Director	France	13.11.2017 – 24.11.2017	BIPM Capacity Building & Knowledge Transfer Programmer – 2017 Sounds of beginning in the CIPM MRA, BIPM, France.
12	Mr. S.N. Akuranthilaka	Director (Acting)	India	24.11.2017 – 01.12.2017	33 rd APMP General Assembly and Related Meeting, NPL India.
13	Mr. H.L.I.S. Sampath	Assistant Director			
14	Mr. A. D. D. Naminda				

(table 11)

Performance Report 2017

	Name of the officer	Designation	Country	Time Period	Training/ Conference
15	Mr. S.N. Akuranthilaka	Director (Acting)	Thailand	04.12.2017 – 08.12.2017	APMP – DEC Leadership Training Workshop. National Institute of Metrology, Thailand(NIMT)
16	Mrs. J .S .M .Silva	Deputy Director	Japan	04.12.2017 – 15.12.2017	Implementation for Social and Industrial Infrastructure in Metrology. NMIJ, Japan

(table 11 cont..)

Local Training - 2017 (table 12)

	Name of the officer	Designation	Training	Institute	Time Period	Course Fee Rs.
01	Mr. K. A. C. J. Gunasekara	MSD Inspector	Diploma in English	Sri Lanka Institute of Development Administration	03 Months From 05.03.2017	20,000
02	Mrs. J. M. T. Hansika	KKS		SDFL Institute	13.03.2017 - 14.03.2017	8,500
03	Mr. W. B. Gayan Sandaruwan					8,500
04	Mr. W. Anura Wagawala					57,400
05	Mr. R. L. D. R. Rathnayaka					
06	Mr. M. H. Ariyasingha					
07	Mr. R. A. T. A. K. Rupasingha					
08	Mr. K. L. Pushpa Kumara	Driver	Short Term Training for Drivers	25.03.2017 – 26.03.2017		
09	Mr. R. S. pushpa kumara					
10	Mr. U. Ananda					
11	Mr. W. P. Janaka Frenendo					
12	Mr. N. D. A. Amaljith					
13	Mr. K. A. D. Prasanna Sanjeewa	Management Assistant		SDFL Institute	03.04.2017 – 05.04.2017	12,000
14	Mrs. H. R. S. Peris					12,000

Performance Report 2017

	Name of the officer	Designation	Training	Institute	Time Period	Course Fee Rs.
15	Mrs. Y. N. Priyadarshani	Management Assistant		SDFL Institute	03.04.2017 – 05.04.2017	12,000
16	Ms. V. K. A. Udayangani					12,000
17	Ms. I. G. S. S. Idamawaththa					12,000
18	Mr. Sanjeewa Deshapriya	KSS		PRAG Institute	23.05.2017	6,000
19	Mr. J.W. P. P. M. Jayawardhana	Management Assistant	Convention of Salary	SDFL Institute	15.06.2017 – 16.06.2017	8,500
20	Mrs. P.C. Disanayaka					8,500
21	Mrs. S. Wijayawardhana					8,500
22	Mrs. Y. N. Priyadarshani					8,500
23	Mrs. H. R. S. Peris					8,500
24	Mr. J.W. P. P. M. Jayawardhana	Management Assistant		Miloda Institute	27.06.2017 – 28.06.2017	11,500
25	Mr. Tharindu Chamikara	Development Officer	Fundamentals Of Computer Networking	Miloda Institute	28.06.2017 – 30.06.2017	16,500
26	Ms. I. G. S. S. Idamawatta	Development Officer	Advance MS Excell for Junior staff	Miloda Institute	22.06.2017 – 23.06.2017	11,500
27	Mrs. W. M. W. R. Asanthi	Development Officer		SDFL Institute	24.07.2017 – 26.07.2017	12,000
28	Mr. Tharindu Chamikara					12,000
29	Mrs. Samadhi Pesqul					Lab Assistant
30	Mr. A. I. Vithanayaka	Management Assistant	Management of Office equipments	SDFL Institute	27.07.2017 – 28.07.2017	8,500
31	Mr.A. D. D. Naminda	Assistant Director	Management of Vehicle	PRAG Institute	28.06.2017	6,000
32	Mr. R. G. S. A. Perera	Deputy Director				6,000
33	Mr. K. A. D. Prasanna Sanjeewa	Management Assistant				6,000
34	Mrs. W. M. W. R. Asanthi	Development Officer	IT Skills for non IT Officers	Miloda Institute	08.08.2017 – 09.08.2017	11,500
35	Mr.A. D. D. Naminda	Assistant Director	Management of Transport	CETRAC Institute	20 days from 11.08.2017(Every Friday)	45,000
36	Ms. V. K. A. Udayangani	Management Assistant	Accounts Of State	Miloda Institute	16.08.2017 – 17.08.2017	11,500
37	Mrs. T. P. G. Karunarathna	Development Officer				11,500
38	Mrs. K. S. V. Gunapala	Development Officer	Internal Audit	SDFL Institute	24.08.2017 – 25.08.2017	8,500
39	Ms. I. G. S. S. Idamawatta					8,500
40	Mr. Tharindu Chamikara					8,500

(table 12)

Performance Report 2017

	Name of the officer	Designation	Training	Institute	Time Period	Course Fee Rs.
41	Mr. K. A. C. J. Gunasekara	MSD Inspector	Diploma in English	Sri Lanka Institute of Development Administration	3 Months From 13.08.2017	25,000
42	Mr. L. N. Senaweera	MSD Inspector	Diploma in English	University of Ruhuna	03.10.2017	23,000
43	Mrs. S. P. Kothalawala	Accountant	Diploma in English	Nagananda International Buddhist Institute	3 Months From 22.10.2017	35,000
44	Ms E. I. Samarawickrama	Information & Communication Technology Office	Procurement of equipment for Information Technology	SDFL Institute	07.12.2017 – 08.12.2017	8,500
45	Ms. V. K. A. Udayangani	Management Assistant	State Account	Miloda Institute	13.12.2017 – 15.12.2017	16,500
46	Mrs.C. J. Nanayakkara					16,500
47	Mrs. K. S. Mallawarachchi	Assistant Director	Project Management		14.12.2017 – 15.12.2017	6,000
48	Mr. G. T. piyarathna	Management Assistant	Mamagment of Office Equipment	SDFL Institute	14.12.2017 – 15.12.2017	8,500
49	Improvement of the Tamil Language for All Staff of Head Quarters					77,500

(table 12 cont..)

Distribution of Private Entrepreneurs Engaged in Commercial Activities Controlled over Legal Metrology (table 13)

District	Number of Registered Persons in Each Category			
	Manufacturers	Importers	Repairers	Traders
Colombo	05	34	55	36
Gampaha	07	04	30	24
Kalutara	03	-	21	15
Galle	02	-	09	10
Matara	01	-	05	11
Hambantota	-	-	08	08
Kandy	-	03	25	23
Nuwara Eliya	-	-	03	08
Matale	01	-	06	09
Badulla	-	01	14	07
Kegalle	01	-	08	03
Ratnapura	-	-	07	14
Kurunegala	-	-	14	20
Anuradhapura	-	-	08	08
Monaragala	01	-	03	04
Vavuniya	-	-	01	07
Jaffna	-	-	04	02
Ampara	-	-	02	07
Batticaloa	-	-	02	04
Polonnaruwa	-	-	01	04
Puttalama	-	-	02	10
Trincomalee	-	-	-	03
Total	21	42	228	237

(table 13)

Registrations of Private Entrepreneurs Engaged in Commercial Activities Controlled over Legal Metrology – Year 2017 (table 14)

Registration Category	Number of Registered persons in 2017	Total Registration Fee Rs.
Manufacturers of weighing / measuring instruments	21	64,650.00
Repairers of weighing / measuring instruments	228	647,800.00
Importers of weighing / measuring instruments	42	380,000.00
Sellers of weighing / measuring instruments	237	142,200.00
Total	528	1,234,650.00

(table 14)

Verification Programme - Income in 2017 (Table 15)

Month	Income in Rupees		Number of Units Verified in 2017
	Year 2016	Year 2017	
January	23,412,224	32,750,792	72,131
February	30,166,172	37,286,119	80,676
March	33,571,450	46,096,427	85,933
April	20,755,496	21,403,213	39,179
May	24,838,980	33,719,060	65,177
June	33,223,136	31,466,599	53,794
July	28,111,550	37,816,919	58,151
August	33,606,889	33,841,286	67,223
September	28,247,196	24,632,156	57,014
October	16,798,150	27,785,059	45,219
November	22,187,560	33,008,011	51,857
December	29,653,770	33,258,797	38065
Total	324,572,573	393,064,438	714,419

(table 15)

Raids Programme – Progress in 2017 (table 16)

Month	Number of Raids		Fines in Rupees		Number of Cases Concluded	
	2016	2017	2016	2017	2016	2017
January	1,424	710	179,000	26,500	112	17
February	1,677	869	132,250	191,000	88	85
March	1,991	1,206	192,000	119,000	106	65
April	1,241	818	206,000	47,500	102	19
May	945	854	159,500	120,000	91	53
June	1,717	599	160,500	80,000	98	54
July	950	1,899	252,500	115,000	103	76
August	1,421	1,432	194,500	88,500	98	56
September	1,373	1,267	139,000	204,500	77	120
October	820	796	231,000	86,500	113	49
November	209	1,055	55,500	75,000	28	41
December	332	862	16,500	59,000	2	34
Total	14,100	12,367	1,918,250	1,212,500	1,018	669

(table 16)

Verification Programme – 2017**Representation of Verification Income on District Basis (table 17)**

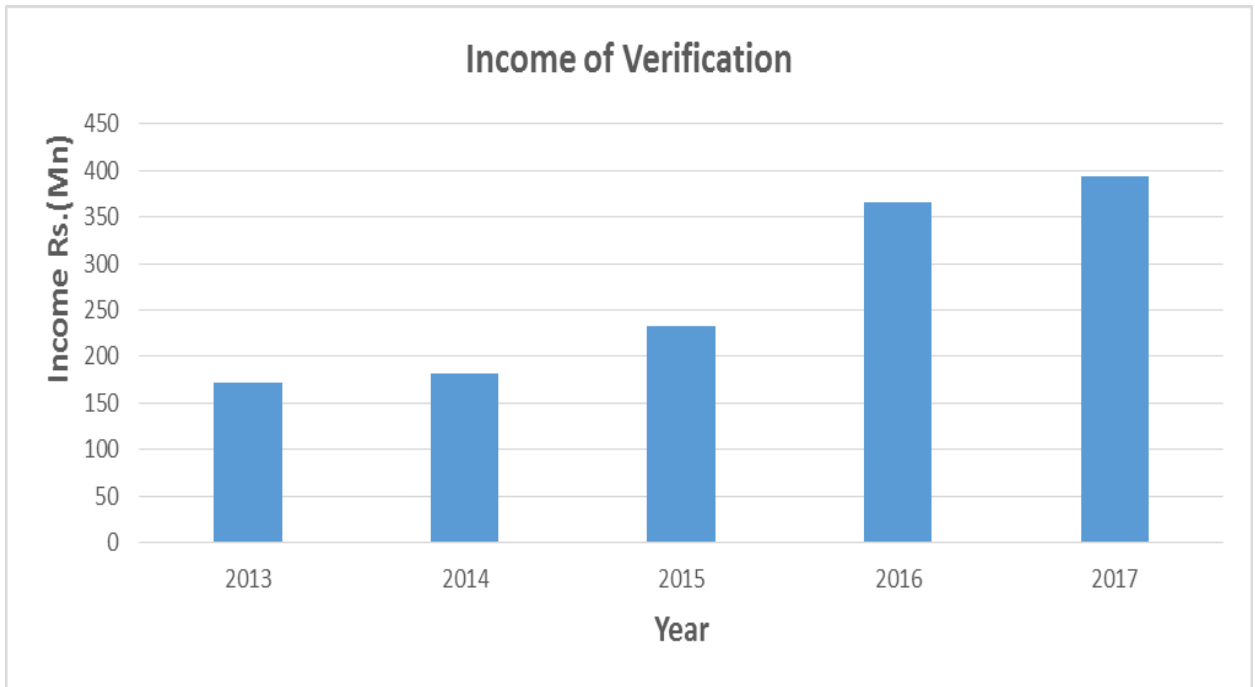
District	Verification Fees (Inclusive All Taxes) Received from each District (Data from 2013 to 2017)				
	2013	2014	2015	2016	2017
Colombo	54,804,753	58,536,277	86,693,931	130,712,937	136,014,517
Gampaha	10,089,060	12,950,324	16,271,296	27,545,201	29,347,519
Kalutara	8,223,616	6,855,189	7,978,818	11,474,642	12,673,950
	73,117,429	78,341,790	110,944,045	169,732,780	178,035,986
Kandy	10,957,540	11,139,456	14,012,409	21,620,097	25,313,869
Matale	3,554,203	3,795,006	4,520,843	7,988,421	8,717,368
Nuwara Eliya	4,718,840	5,266,936	5,587,098	8,584,030	9,725,814
	19,230,583	20,201,398	24,120,350	38,192,548	43,757,051
Galle	5,446,360	5,295,133	7,699,509	10,977,361	12,694,011
Matara	5,104,776	5,615,023	6,693,814	10,280,441	11,735,600
Hambantota	3,637,559	4,017,363	5,129,383	10,119,069	11,955,389
	14,188,695	14,927,519	19,522,706	31,376,871	36,385,000
Batticaloa	2,077,865	2,373,352	3,205,015	5,625,221	6,508,574
Ampara	4,261,071	4,694,333	5,006,882	7,769,257	9,731,150
Trincomalee	1,364,361	1,506,958	1,991,689	3,789,316	3,640,751
	7,703,297	8,574,643	10,203,586	17,183,794	19,880,475
Kununegala	9,793,590	11,990,847	13,817,069	23,779,336	23,919,321
Puttalama	4,070,122	4,511,899	5,743,748	9,201,545	10,322,464
	13,863,712	16,502,746	19,560,817	32,980,881	34,241,785
Anuradhapura	6,986,330	7,337,244	8,992,501	14,846,516	16,459,826
Polonnaruwa	3,904,425	3,816,287	4,717,437	8,266,819	7,563,883
	10,890,755	11,153,531	13,709,938	23,113,335	24,023,709
Badulla	5,397,394	6,509,075	8,148,777	11,924,573	14,580,367
Monaragala	3,735,449	3,784,969	4,638,176	8,090,344	7,966,717
	9,132,843	10,294,044	12,786,953	20,014,917	22,547,084
Ratnapura	14,936,592	11,800,266	8,539,852	12,504,982	13,974,267
Kegalle	4,674,750	5,363,518	7,355,280	10,555,329	9,582,340
	19,611,342	17,163,784	15,895,132	23,060,311	23,556,607
Mullativu	502,268	339,203	408,207	734,486	835,337
Mannar	267,220	328,231	370,549	667,173	835,717
Kilinochchi	403,751	372,175	461,692	982,477	1,023,661
Jaffna	1,673,487	2,117,287	2,778,039	5,033,464	5,627,755
Vauniya	910,873	956,032	1,317,567	2,201,828	2,314,271
	3,757,599	4,112,928	5,336,054	9,619,428	10,636,741
Total	171,496,255	181,272,383	232,079,581	365,274,865	393,064,438

(table 17)

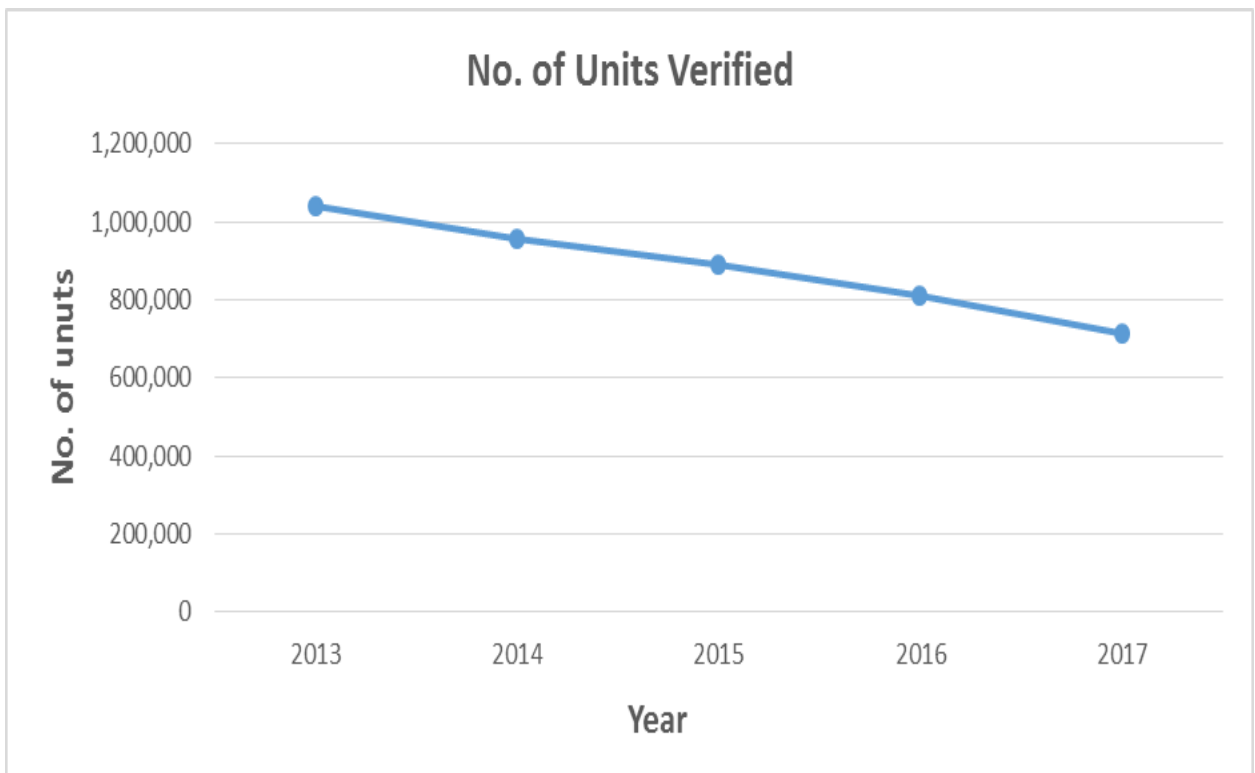
Verification Programme – 2017**Representation of Number of Units on District Basis (table 18)**

District	Number of Units Verified from 2013 to 2017				
	2013	2014	2015	2016	2017
Colombo	205,924	183,608	177,201	167,897	129,812
Gampaha	50,751	48,956	46,671	39,706	36,022
Kalutara	32,905	29,538	29,762	27,201	26,900
	298,580	262,102	253,634	234,804	192,734
Kandy	87,303	82,709	76,426	71,353	61,791
Matale	32,790	30,490	24,362	23,383	20,920
Nuwara Eliya	30,788	28,328	25,333	22,165	18,149
	150,881	141,527	126,121	116,901	100,860
Galle	46,537	40,472	37,758	34,061	25,127
Matara	37,036	37,916	33,401	30,289	28,275
Hambantota	30,171	29,049	27,902	26,954	25,477
	113,768	107,437	99,061	91,304	78,879
Batticaloa	26,644	29,353	27,639	29,510	28,680
Ampara	35,843	38,728	32,722	29,614	28,075
Trincomalee	12,805	13,098	12,285	12,037	10,535
	75,292	81,179	72,646	71,161	67,290
Kununegala	88,053	84,251	68,842	61,949	52,315
Puttalama	31,291	27,897	26,420	22,071	18,703
	119,344	112,148	95,262	84,020	70,388
Anuradhapura	42,546	37,158	35,569	32,028	36,554
Polonnaruwa	21,085	20,674	18,467	16,288	13,886
	63,631	57,832	54,036	48,316	50,440
Badulla	37,906	37,990	31,823	30,292	29,162
Monaragala	33,247	31,947	31,434	29,699	27,420
	71,153	69,937	63,257	59,991	56,582
Ratnapura	56,062	49,954	53,708	38,470	35,679
Kegalle	42,942	39,790	38,255	36,454	32,268
	99,004	89,744	91,963	74,924	67,947
Mullativu	3,028	2,527	2,401	2,098	2,216
Mannar	2,268	1,890	1,372	1,399	1,706
Kilinochchi	5,100	3,373	3,022	2,918	2,338
Jaffna	23,717	22,010	21,792	18,486	18,604
Vauniya	4,338	3,602	3,855	4,249	4,435
	38,451	33,402	32,442	29,150	29,299
Total	1,040,211	955,308	888,422	810,571	714,419

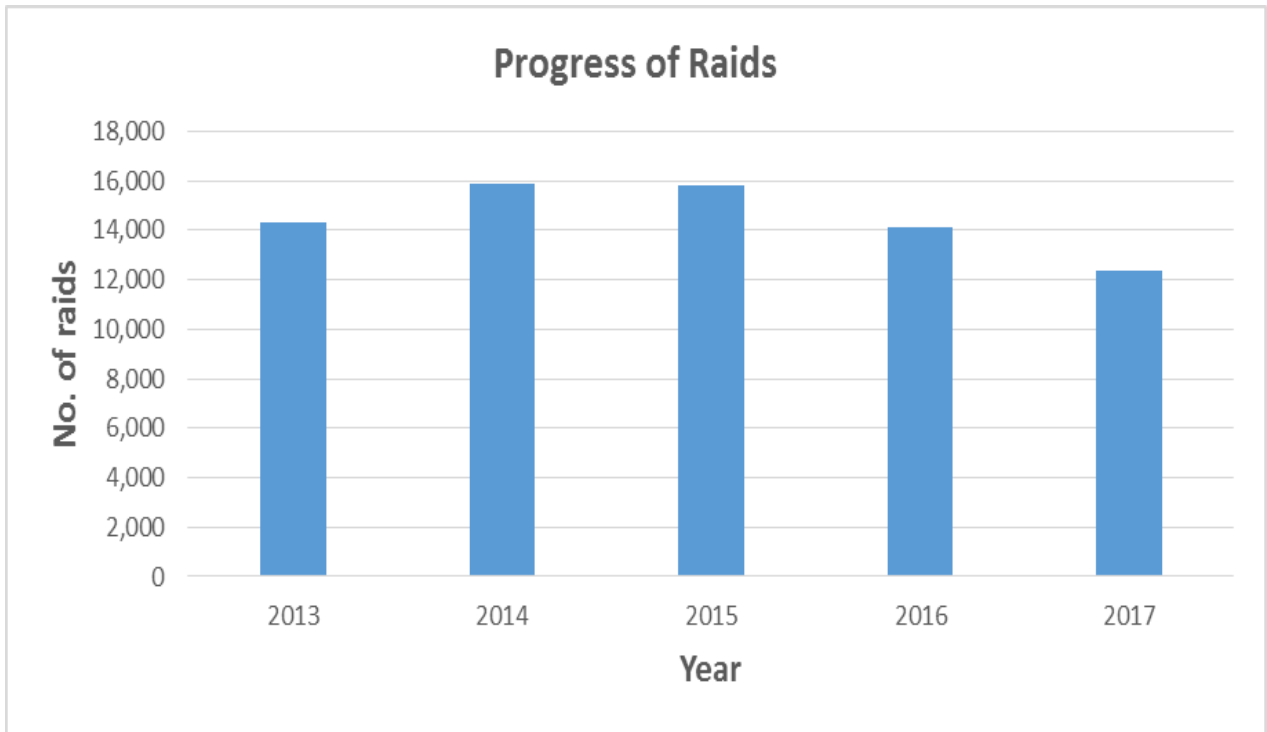
(table 18)



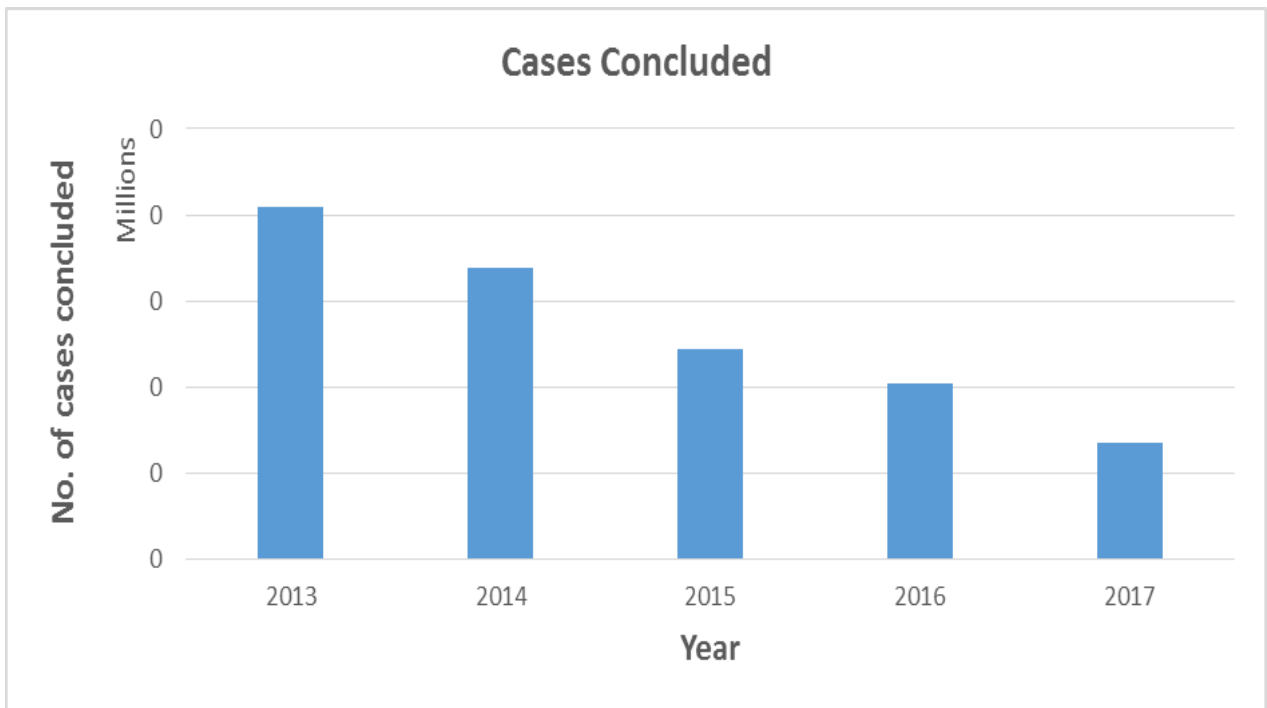
Graph 1



Graph 2



Graph 3



Graph 4

Awareness Programme – Progress in 2017 (table 19)

District	Jan	Feb	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
HQ Colombo	3	4	4	3	4	4	3	4	4	3	4	4	44
Colombo	3	3	3	3	3	3	3	3	3	3	3	3	36
Gampaha	3	4	4	3	4	4	4	4	3	3	4	4	44
Kalutara	2	3	3	3	3	2	3	2	3	3	3	2	32
Puttalam	2	3	3	3	3	3	2	3	3	3	3	2	33
Kurunegala	3	4	4	3	4	4	3	4	4	3	4	4	44
Kegalle	2	3	3	3	3	3	3	3	2	2	3	2	33
Ratnapura	2	3	3	3	3	2	3	3	3	3	3	2	32
Galle	2	3	3	3	3	3	2	3	3	2	3	2	33
Matara	2	3	3	3	3	2	3	3	3	3	3	2	32
Hambantota	2	3	3	3	2	3	3	3	2	3	3	2	33
Monaragala	2	3	3	3	3	3	3	2	3	3	3	2	32
Badulla	2	3	3	3	3	3	3	3	2	2	3	3	34
Nuwara Eliya	2	3	3	2	2	3	2	3	3	4	3	2	31
Kandy	2	3	4	4	4	3	3	4	3	3	4	3	42
Matale	2	3	3	2	3	3	3	2	3	3	3	2	32
Anuradhapura	2	3	3	3	3	3	2	3	3	2	3	2	33
Polonnaruwa	2	2	3	2	2	2	2	2	3	2	2	2	26
Trincomalee	2	2	3	2	2	3	2	2	2	2	2	2	26
Batticaloa	2	2	3	2	2	3	2	2	2	2	2	2	26
Ampara	2	2	3	2	2	3	2	2	2	2	2	2	26
Vaunia	1	1	2	1	2	2	1	2	1	2	1	1	17
Jaffna	2	2	3	2	2	3	2	3	3	2	2	2	28
Mullativu	1	1	2	2	1	1	2	1	2	2	1	1	17
Mannar	1	1	2	2	1	1	2	1	2	2	1	1	17
Kilinochchi	1	2	2	1	2	1	2	1	1	2	1	1	17
Total	53	69	78	66	70	70	65	68	68	67	69	57	800

(table 19)

*The number of awareness programmes conducted in each month is tabulated above

Quarterly Progress of Awareness Programmes – 2017

Target number of programmes and actual number held (table 20)

District	January–March		April - June		July - September		October – Dec.	
	Target	Achieved	Target	Achieved	Target	Achieved	Target	Achieved
HQ Colombo	11	19	11	10	11	3	11	3
Colombo	9	6	9	10	9	6	9	11
Gampaha	11	10	11	9	11	3	11	19
Kalutara	8	9	8	8	8	7	8	3
Puttalama	8	6	9	8	8	8	8	8
Kurunegala	11	10	11	11	11	9	11	11
Kegalle	8	9	9	4	8	4	8	4
Ratnapura	8	5	8	10	9	15	7	4
Galle	8	10	9	4	8	7	8	6
Matara	8	6	8	5	9	10	7	11
Hambantota	8	9	9	9	8	16	8	8
Monaragala	8	9	8	11	8	8	8	5
Badulla	8	10	9	10	8	10	9	9
Nuwara Eliya	8	11	8	7	8	3	7	9
Kandy	10	9	11	9	10	10	11	19
Matale	8	9	8	6	8	6	8	7
Anuradhapura	8	9	9	6	8	11	8	6
Polonnaruwa	7	6	6	4	7	4	6	4
Trincomalee	7	10	7	2	6	7	6	7
Batticaloa	7	8	7	8	6	8	6	6
Ampara	7	6	7	6	6	10	6	6
Vaunia	4	4	5	4	4	3	4	2
Jaffna	7	12	7	9	8	3	6	-
Mullativu	4	1	4	1	5	-	4	1
Mannar	4	1	4	2	5	-	4	-
Kilinochchi	5	1	4	3	4	-	4	2
Total	200	205	206	176	201	171	193	171

(table 2)

Pattern Approval of Weighing Instruments – Year 2017

Appendix 1

No	Weighing Instrument	Markings					Manufacture	Local Agent	Approved Date
		Class	Max	Min	e=d	T			
1	Price Computing Scale CASHIER 520D	(III)	15kg/30kg	100g	5g/10g	15kg	Kaifeng Group Co. Ltd, Huku Industrial Area, Yongkang, Zhejiang, PR China. Tel. +0579-87066376 Fax. +0579-87065276, email sales@chinaKaifeng.com	Canter International Solutions, No. 316/A, Atakorasa, Ragama. Tel. 0112958489	2017-01-26
2	Price Computing Scale SAGAKI ACS-KTR 15	(III)	15kg	100g	5g	7.5kg	Kaifeng Group Co. Ltd, Huku Industrial Area, Yongkang, Zhejiang, PR China. Tel. +0579-87066376 Fax. +0579-87065276, email sales@chinaKaifeng.com	S.D.S. Weighing System, No 8/7, Gamunu Mw, Meddegama,, Kirindiwela. 0777347090.	2017-03-03
3	Platform Scale CRYSTAL WK 7712-JC	(III)	75kg/150kg	400g	20g/50g	75kg	FUZHOU LUCKY STAR CO.,LTD, 904#, 15th floor, Caifu World Mansion, No. 66, Wuyi North Road, Fuzhou, Fujian, China. Tel. +86-591-83306881 Fax, +86-591-83306883	Champika Scales, No .187, Central Road, Colombo 12. Tel, 0777-844865, champikascales@gmail.com	2017-03-16
4	Label Printing Scale BUDRY ABD -86	(III)	6kg/15kg	40g	2g/5g	7.5kg	Shanghai Yousheng Weighing Apparatus Co. Ltd, Building 26, No.99, Chun Guang Road Xin, Zhung Industrial Zone, Minhang,m Shanghai, China. Tel. +86-21+54831800, Fax. +86-21-54831868 e-mail webmaster@ysscale.com	Budry Scales (Pvt) Ltd, 287, Old Moor Street, Colombo 12, Tel. 0112434970/0114337049, Fax. 0112343143/0112717311	2017-04-03

5	Cash Register Scale Jadever TP -30D	(III)	15kg/30kg	100g	5g/10g	15kg	Xiamen Jijing Electronics (Pvt) Ltd, Longzhou Building, 3F, No. 159, Yuehua East Road, Huli District, Xiamen of china, Tel. +86-13774665271, Fax. +86-05926012890, scale@xmjjing.com	Fashion Holdings (Pvt) Ltd, No.22/3, Kandawatta Road, Palawatta, Battaramulla. Tel. 0112786116, Fax. 0112787400, fashionholdings@gmail.com	2017-06-06
6	Alpha Tea Leaf (OCS-G3)	(III)	50kg/100kg	400g	20g/50g	50kg	Shanghai Baiying Scales, Co.Ltd, No.318, Cheng Yin Road, Baoshan Industrial Zone, Shanghai, China. Tel. 0086-21-61077828, Fax: 0086-21-61077838, email by@shbydc.com	Alpha Tec, No.D55/78, Jayantha Weerasekara Mw, Colombo 10. Tel. 0712342023, alphaweighing@gmail.com	2017-09-26
7	Price Computing Scale SAGAKI SDS 15OF	(III)	15kg	100g	5g	7.5kg	FUZHOU LUCKY STAR CO.,LTD, 610#, 6th floor, Caifu World Mansion, No. 66, Wuyi North Road, Fuzhou, Fujian, China. Tel. +86-591-83306171 Fax, +86-591-83307885 email leo@fzlukcystar.com	S. D.S.Weighing System, No 8/7, Gamunu Mw, Meddegama, Kirindiwela 0777.347090.	2017-10-31
8	Price Computing Scale SAGAKI SDS 15SP	(III)	15kg	100g	5g	7.5kg	FUZHOU LUCKY STAR CO.,LTD, 610#, 6th floor, Caifu World Mansion, No. 66, Wuyi North Road, Fuzhou, Fujian, China. Tel. +86-591-83306171 Fax, +86-591-83307885 email leo@fzlukcystar.com	S.D.S.Weighing System, No 8/7, Gamunu Mw, Meddegama Kirindiwela. 0777347090.	2017-10-31

9	Plat form Sacle Fidelity FM 180	(III)	150kg	1kg	50g	150kg	Fidelity Measurement Company Limited, 6F No33, Dalian Street, Taoyuan City 33043, Taiwan. Tel; +886-3-3578846, fax: +886-326646, email ; alvin@Fi_measurement.com	Elctroscales and equipment, No.146/11C, Caldera Gardens, Off Dutugamunu Street, Kohuwala. Tel. 0114200051, 0114200393, Fax. 0112817658	2017-11-10
10	Label Printing Scale Scale CAS CL 5200	(III)	6kg/15kg	40g	2g/5g	-5.998kg	Shanghai CAS Electronics Co. ltd, No. 448, Maixin Road, Xinqiaozhen Songjiang District Shanghai, China. Tel +86-21-5768-0558, Fax: +86-21-5768-5560, email casfay@163.com	Ceylon Weighing Machines Limied. No. 257, Grandpass Road, Colombo 14, Tel. +86-21-5768-0558, Fax: 0112472628/9	2017-12-21
11	Floor Scale XK315A1X	(III)	1000kg	10kg	0.5kg	-	Shanghai To Pay Industrial Co., Ltd, Building 125, No. 255, South Sichuan Road, Songjiang District, Shanghai, China. Tel. 0086-021-5223 1679, Fax. 0086-21-6192 7269 , www.scalesuppliers.com	Apex Technologies (Pvt) Ltd, 15A, Hildon Place, Colombo 04. Tel.0112507518/0773560560, Email: info@apextech.lk	2017-12-22
12	Label Printing Scale Scale SM100BCS+	(III)	6kg/15kg	40g	2g/5g	-5.998kg	Shanghai Teroka Electronic Cooperation Ltd, Ting Lin Industry Development Zone, Jin Shan Country Shanghai 201505, Tel. +86-21-5723-4888	Digi Weigh System (Pvt) Ltd, 133, Pannipitiya Road, Battaramulla. Tel. 0112865193/0112873025, Fax. 0112864913	2017-12-22

Class: Class of the Instrument, **Max:** Maximum Capacity, **Min:** Minimum Capacity, **e:** Verification Scale Interval, **d:** Actual Scale Interval, **T:** Tare Weight

Pattern Approval of Fuel Dispensers – Year 2017

Appendix 2

	Local Agent	Manufacturer	Fuel Dispenser Model	Application received on	Test date	Approved date
01	Amerasian (Pvt) Ltd, 5th Floor, No123, Bauddhaloka Mawatha, Colombo 04.	Bennett Pump Company, 1218 E, Pontaluna Road, Spring Lanka, Michigan 49456, USA.	BENNETT-3822 BMS-41 (Two Products, Two Nozzles, Four Displays) Max. 138 l/min, Min. 10 l/min	2016.12.08	2017.07.31	2017.09.25
02	Colombo Agencies Ltd, Kotte Road, Ethul Kotte	TATSUNO Corporation, 2-6. Mita 3-Chome, Minato-ku, Tokyo, 108-8520, Japan. Assembly Plant TATSUNO India (Pvt) Ltd, Maharashtra, India	TATSUNO – XE-SDA2222HD (Two Products, Two Nozzle Four display- Heavy Duty) Max. 70 l/min, Min. 3 l/min	2016.05.18	2016.10.17	2017.02.21
03	Colombo Agencies Ltd, Kotte Road, Ethul Kotte	TATSUNO Corporation, 2-6. Mita 3-Chome, Minato-ku, Tokyo, 108-8520, Japan. Assembly Plant TATSUNO India (Pvt) Ltd, Maharashtra, India	TATSUNO – XE-SDA2222SD (Two Products, Two Nozzle Four display) Max. 45 l/min, Min. 2 l/min	2016.06.20	2016.11.02	2017.02.21
04	Colombo Agencies Ltd, Kotte Road, Ethul Kotte	TATSUNO Corporation, 2-6. Mita 3-Chome, Minato-ku, Tokyo, 108-8520, Japan. Assembly Plant TATSUNO India (Pvt) Ltd, Maharashtra, India	TATSUNO – XE-SDA2222SD (Two Products, Two Nozzle Four display) Max. 45 l/min, Min. 2 l/min	2016.06.20	2016.11.02	2017.02.21

05	Colombo Machinery & Equipment Ltd	Zhejiang Lanfeng Machine Co. Ltd	Lanfeng-JDK180C1111 (One Product, One nozzle, Two displays) Max.180 l/min, Min. 18 l/min	2017.05.23	2017.10.23	2017.12.28
06	Saleem Lanka Filling Station, No12, Mandur Rd,Chavlakadai.	Shanghai Cowell Meachingary Company, China.	COWELL-CWK50C1111 (One Product, One Nozzle Two displays Max. 50 l/min, Min.2 l/min	2017.01.18	2017.04.06	2017.05.30
07	Susen International (Pvt.) Ltd,No,105,1/2 Elvitigala Mawatha, Colombo 03	HENAN EAGLESTAR ENERGY TECHNOLOGY CO.LTD. Taojio rd., Zhengzhou City, China.	EAGLESTAR(EG5111(HD)) One Product, Two displays with printer-heavy duty	2016.06.30	2017.05.09	2017.07.24
08	Susen International (Pvt.) Ltd,No,105,1/2 Elvitigala Mawatha, Colombo 03	HENAN EAGLESTAR ENERGY TECHNOLOGY CO.LTD. Taojio rd., Zhengzhou City, China	EAGLESTAR(EG5111(SD)) One Product, Two displays with printer	2016.06.30	2017.05.08	2017.07.24

ANNUAL ACCOUNTS

2017

Recurrent Expenditure - Consolidated Fund

Description	2016 Actual Expenditure Rs.	2017 Approved Estimate Rs.	2017 Revised Estimate Rs.	2017 Actual Expenditure as at December Rs.
Personal Emoluments	97,816,951	101,812,000	101,727,000	99,487,338
Others	1,212,515	1,250,000	1,335,000	1,329,455
Total Recurrent Expenditure	99,029,466	103,062,000	103,062,000	100,816,793

Capital Expenditure - Consolidated Fund

Object Code	Capital Expenditure	2016 Actual Expenditure Rs.	2017 Approved Estimate Rs.	2017 Revised Estimate Rs.	2017 Actual Expenditure as at December Rs.
2102	Furniture and Office Equipment	-	20,000,000	20,000,000	1,607,084
2103	Machinery	8,283,478	20,000,000	20,000,000	19,971,099
2104	Construction of building	122,554,198	30,000,000	30,000,000	-
	TOTAL	130,837,676	70,000,000	70,000,000	21,578,183

Summary of Expenditure - Consolidated Fund

Description	2016 Actual Expenditure Rs.	2017 Approved Estimate Rs.	2017 Revised Estimate Rs.	2017 Actual Expenditure as at December Rs.
Recurrent Expenditure	99,029,466	103,062,000	103,062,000	100,816,793
Capital Expenditure	130,837,676	70,000,000	70,000,000	21,578,183
Total	229,867,142	173,062,000	173,062,000	122,394,976

Measurement Units, Standards and Services Department Income for the Year as at 31.12.2017

Source	Revenue Rs.
Stamping Charges	342,162,298.57
Calibration Fees	2,684,140.00
Pattern Approvals	558,000.00
Registration Charges	1,048,250.00
Interest on Fixed Deposit	8,278,465.75
Examination Fees	52,500.00
Training Fees	382,065.23
Additional Receipts	14,088.15
Tender Charges	284,500.00
Others	200.00
Insurance Claim	51,700.00
Total	355,516,207.70

- ❖ 1/3rd of the total income is remitted to the treasury according to the Measurement Units, Standards and Services act. The income of the department comprises the revenue collected from verification, calibration, and pattern approvals. (Rs. 345,404,438.57)

**Measurement Units, Standards and Services Fund
Summary of Expenditure**

Description	2016 Actual Expenditure Rs.	2017 Approved Estimate Rs.	2017 Actual Expenditure as at December Rs.
Recurrent Expenditure	48,464,918	63,217,000	53,329,498
Capital Expenditure	70,729,164	139,600,000	51,925,074
Total	119,194,082	202,817,000	105,254,572

**Measurement Units, Standards and Services Fund
Statement of Expenditure for the Year as at 31.12.2017**

Description of Expenditure		Value Rs.
1002	Payment of Overtime	1,208,173.39
1101	Travelling Expenses - Local	5,323,005.55
1102	Travelling Expenses - Foreign	2,118,714.27
1201	Purchased of Stationary	2,393,656.27
1202	Fuel and Lubricant	1,960,938.74
1203	Uniforms	64,000.00
1207	Other Supplies	106,079.00
1301	Repair of Vehicles, Plants, and Machinery	4,647,309.64
1303	Land and Building	120,705.00
1304	Others	146,768.94
1401	Transport Expenses	34,660.00
1402	Communication and Telephone	1,998,276.73
1403	Postage Charges	119,959.00
1404	Payments of Electricity Bill	8,746,980.12
1406	Municipal Tax	271,576.75
1407	Other Expenses	3,565,902.93
1408	Hiring Charges	7,894,770.67
1507	Payment of Membership Fees	8,802,016.25
1903	Holiday Warrants	65,060.00
1905	Other Recurrent Expenses	2,373,151.01
2003	Repair of Vehicle	589,750.00
2102	Furniture and Office Equipment	8,940,185.04
2103	Machinery	42,395,138.95
2401	Human Resources Development and Training	1,367,793.00
	Total Expenditure	105,254,572.15

මිනුම් ඒකක, ප්‍රමිති හා සේවා දෙපාර්තමේන්තුව
அளவீட்டு அலகுகள், நியமங்கள் மற்றும் சேவைகள் திணைக்களம்
MEASUREMENT UNITS, STANDARDS AND SERVICES DEPARTMENT

මාහේනවත්ත, පිටිපන, හෝමාගම
மாஹேனவத்த, பிட்டிபன, ஹோமாகம
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