STATUTORY INSTRUMENTS
SUPPLEMENT No. 21 10th August, 2007

STATUTORY INSTRUMENTS SUPPLEMENT

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STATUTORY INSTRUMENTS

2007 No. 37.

THE WEIGHTS AND MEASURES (REPAIR OF WEIGHING AND MEASURING EQUIPMENT) RULES, 2007.

ARRANGEMENT OF RULES.

Rule

Rule

SCHEDULES

STATUTORY INSTRUMENTS

2007 No. 37.

The Weights and Measures (Repair of Weighing and Measuring Equipment) Rules, 2007.

(Under sections 22, 33 and 43 of the Weights and Measures Act, Cap103)

IN EXERCISE of the powers conferred on the Minister responsible for trade by sections 22, 33 and 43 of the Weights and Measures Act, these Rules are made this 5th day of July, 2007.

1. Title.

These Rules may be cited as the Weights and Measures (Repair of Weighing and Measuring Equipment) Rules, 2007.

2. Interpretation.

In these Rules, unless the context otherwise requires—

"Act" means the Weights and Measures Act;

"council" means the National Standards Council established under section 4 of the Uganda National Bureau of Standards Act;

"examiner" has the meaning assigned to it under the Act;

"inspector" has the meaning assigned to it under the Act;

"repair" means any operation which is likely to affect the accuracy of a
weighing equipment and includes overhauling but does not include balancing or servicing;

"servicing" means working on a weighing equipment which is correct and in a manner which is not likely to affect the accuracy of the equipment.

3. Application for a repair licence.

(1) A person who intends to operate a repair workshop shall apply to the Executive Director for a licence in the Form specified in Schedule 1.

(2) The Executive Director shall before granting a licence ensure that the person referred to in subrule (1) has—

(a) available for his or her use, the necessary tools, instruments, machinery and equipment for the repairs or overhauling;

(b) sufficient—

(i) mechanical knowledge and skill to enable him or her to repair weighing or measuring equipment;

(ii) training to enable him or her pass examinations set and verified by an inspector; and

(iii) working knowledge of rules to enable him or her to carry out repairs of weighing and measuring equipments under these Rules.

(3) For the purposes of sub rule (1) (b) and upon payment of the examination fees, the Executive Director shall arrange for the examination of the applicant for a licence.

(4) The Executive Director shall issue to the applicant, upon passing the examination referred to in sub rule (3), a certificate of competence specified in Schedule 2.

4. Repairing equipment without a licence prohibited.

(1) A person shall not engage in the conversion, repair or overhaul of any weighing or measuring equipment used or intended to be used for trade without obtaining a weighing and measuring equipment repair licence in respect of that particular type of weighing or measuring equipment.

(2) The holding of a repair licence shall not exempt any person from holding any other licence required under any other law.

(3) This Rule shall not apply to any person repairing his or her own weighing or measuring equipment with the written permission of an inspector or to any trainee who has been registered as such by an inspector and who is working under the direct supervision of a licenced repairer.

(4) Where a person is registered as a trainee under a licenced repairer, the repairer shall be held responsible for all acts and omissions of the trainee committed in the execution of his or her work.

(5) A person who contravenes sub rule (1) commits an offence.

5. Fees for licence and duration of licence.

(1) The licence fees payable by an applicant for a repair licence shall be in accordance with the class of the licence specified in Schedule 4.

(2) A licence shall be valid from the date of issue until 31st December of the year in which it was issued.

(3) A repairer licenced for a particular class shall only repair weighing or measuring equipment of the class as prescribed in Schedule 4.

(4) A person who contravenes sub rule (4) commits an offence.

6. Display of licence.

A holder of a repair licence shall display the licence prominently on his or her premises and shall produce it to an inspector whenever the inspector requires him to do so.

7. Renewal of licence.

(1) The Executive Director may on application by a repairer renew a licence upon payment of the prescribed fees.

(2) Where an applicant intends to extend his or her repair licence to include a new class, he or she shall apply for the extension, on payment of the prescribed fees and shall be examined for the new class.

8. Refusal and cancellation of licence.

The Executive Director may refuse to grant or renew a repair licence on the grounds that the applicant or holder of the licence does not have sufficient facilities and workshop equipment for the proper discharge of his or her duties or that he or she is incompetent, dishonest or contravenes rules, orders and instructions issued by the Executive Director for the proper control of the repair service.

9. Executive Director to inform repairer of impending cancellation.

(1) Where the Executive Director intends to refuse the grant or renewal of a repair licence or to suspend or cancel the repair licence, he or she shall communicate his or her intention to the applicant or licence holder and call upon him or her to make representations, if any, in support of the application or licence to the Executive Director within thirty days from the receipt of the communication.

(2) Where representations have been made under sub-rule (1) and the Executive Director is of the opinion that no case has been made by the applicant or licence holder, he or she shall communicate the decision to the person concerned and shall refer the matter, with his or her recommendations, to the Minister for a decision and the Minister's decision shall be final.

(3) On the approval of the recommendations referred to in sub-rule (2) by the Minister or in the absence of any representations within the prescribed period, the Executive Director may suspend, or cancel or refuse the renewal of the repair licence as the case may be.

10. Restoration of licence.

(1) A repairer whose licence has been suspended or cancelled may after two years from the date of suspension or cancellation apply to the Executive Director to have his or her licence restored.

(2) Where the Executive Director refuses to restore a licence, the repairer concerned may appeal to the Council whose decision shall be final.

11. Temporary repair licence.

(1) A repairer who is licenced outside Uganda and wishes to undertake repair work in Uganda shall apply for a temporary licence which shall be issued on a monthly basis, upon payment of the prescribed fees.

(2) The Form for the temporary licence referred to in subrule (1) shall be in Schedule 5.

12. Registration as trainee.

(1) Any person who applies for registration as a trainee under any licenced repairer shall submit to the Executive Director documentary proof from that repairer that he or she has been admitted as a trainee.

(2) The Executive Director may issue to the applicant a registration certificate upon payment of the fee specified in Schedule 8.

(3) A registration certificate issued under sub rule (2) shall be in the Form specified in Schedule 9 and shall be valid from the date of issue until 31st December of the year in which it is issued.

13. Flattening of verification stamp.

A repairer shall not repair, adjust or overhaul any weighing or measuring equipment unless he or she has flattened out the stamp of verification if any, on the equipment.

14. Improper installations or repairs.

A person shall not install, alter or repair any weighing or measuring equipment in a manner which is not conducive to the accuracy of the equipment or in a manner likely to
facilitate commission of fraud.

15. Testing and stamping.

(1) A person, who converts, repairs, adjusts or overhauls a weighing or measuring equipment on the premises of his or her workshop shall submit the equipment to an inspector for testing and stamping and after that, the inspector shall hand the equipment back to that person.

(2) A person who installs, converts, repairs, services or overhauls weighing or measuring equipment on trade premises and the equipment, being permanently fixed, cannot be submitted to an inspector's office for testing, he or she shall, within seven days from the date of completion of the work notify the inspector, in the Form in Schedule 6, of the installation, conversion, repair, service or overhaul.

16. Irreparable equipment.

Where a weighing or measuring equipment submitted to a repairer cannot be repaired, the repairer shall hand the equipment back to the owner with a notice to that effect in the Form in Schedule 7 and shall forward a copy of the notice to an inspector.

17. Records.

(1) A repairer shall keep a record for at least two years, of every equipment brought to him or her for repair, showing the names and full address of the owner, identity or description of the equipment, the date it was brought, nature of repair required, estimated cost of repair, the date it is to be collected, the date of testing or stamping by the inspector, and the date it is handed over to the owner.

(2) The records kept under this rule shall be produced whenever an inspector requires them to be produced.

18. Claim receipts.

(1) A repairer shall issue a claim receipt to every person who hands in weighing or measuring equipment for conversion, repair, adjusting, servicing or overhauling.

(2) A claim receipt issued under sub rule (1) shall bear the—

(a) name, postal address and the location of the place of business of the repairer or company of the repairer; and

(b) name and address of the owner, identity or description of the equipment, the date it is brought, nature of work required, estimated cost, and expected date of collection.

19. Test weight, equipment and test standards.

A repairer shall submit test weights to an inspector at least once every twelve months for testing, adjusting, and date marking or sealing.

20. Control of repairers at centres.

(1) An inspector in-charge of a verification centre set up by the Executive Director under section 16 of the Act may order any scale repairer attending that centre to leave the centre if the repairer is conducting his or her business in an unfair manner or if he or she is behaving in a disorderly manner or in a manner that is not conducive to the smooth running of the centre.

(2) Any repairer who is ordered to leave the centre under sub-rule (1) shall not carry out any repair of weighing or measuring equipment within a radius of less than 250 metres from the centre.

(3) An inspector shall verify every repair workshop or company every year for compliance before a licence is issued to that company or workshop.

(4) An inspector shall inspect and verify—

(a) premises on which weights and measures are sold or stored;

(b) premises on which weights and measures are kept for hire; and

(c) premises on which weights and measures are assembled manufactured, sprayed, branded or etched.

(5) For the purposes of this rule, the Executive Director shall establish a committee responsible for workshop inspection and verification.

(3) Any repairer who contravenes this rule commits an offence.

21. Offences.

A person who secures or attempts to secure the application of a verification stamp on a weighing or measuring equipment which has not been passed by an inspector or examiner as fit for use for trade commits an offence.

22. Penalties.

Any person who commits an offence under these Rules is liable to a fine not exceeding three thousand shillings or to a term of imprisonment not exceeding three months or both such fine and imprisonment.

23. Fees payable under these Rules.

(1) The fees to be charged under these rules shall be specified in Schedule 8.

(2) A repairer who submits to an inspector a repaired weighing or measuring instrument which is not initially verified shall pay a fee in respect of the equipment specified in Schedule 8 of these Rules in addition to the fees specified in the Fourth Schedule of the Weights and Measures (Testing and Stamping) Fees Rules, 2005.

24. Revocation of S.I. No. 103-34.

The Weights and Measures (Repair of Weighing Equipment) Rules are revoked.

SCHEDULES

SCHEDULE 1

Rule 3

FOR OFFICE USE					
Job No.					
Date in					
OIC					

UGANDA NATIONAL BUREAU OF STANDARDS

APPLICATION FOR REPAIR LICENCE

PART I: COMPANY DATA

Name of company:

Registration address (as in URA PIN, VAT No. if any)

Name of applicant to be licenced

Designation

Tel. No.

Fax No.

Workshop Address:

Tel. No.

Highest formal education attained (attach relevant copies of testimonials and certificates)

☐ Company registered as:

☐ Sole proprietorship

☐ Partnership

☐ Private Limited

☐ Others (please specify)

Name of qualified technicians employed:
(Please provide details and photocopies of their educational certificates and working experience, certificate of training issued by principal, 3 passport photographs and attach any supporting documents

PART II -TYPE OF WEIGHING / MEASURING INSTRUMENTS

Type of weighing / measuring instruments manufacture:

Type	*Capacity of Equipment*	*Brand Name*

Type of weighing / measuring instrument to be repaired:

- o Light duty capacity not exceeding 100 kg
- o Medium duty of capacity exceeding 100 kg up to 1000 kg
- o Heavy duty of capacity exceeding 1000 kg
- o Mechanical weighing equipment (Class A - C)
- o Precision weighing equipment (Class I & II)
- o Electronic/ Digital balance
- o Mass Flow meter
- o Mechanical platform scale
- o Tank calibration
- o Batching
- o Liquid fuel dispensers

PART III- WORKSHOP FACILITIES

List the type of standard weights/ measures

Type	*Capacity*	*Quantity*

PART IV- DECLARATION BY APPLICANT

I declare that the particulars stated in this application are true to the best of my knowledge and I am aware that any false declaration on my part will result in the withdrawal of the licence.

I also undertake to inform the In -Charge Legal Metrology immediately of any change in the particulars given in this application.

Signature	Name
Date	Designation

SCHEDULE 2

Rule 3

CERTIFICATE OF COMPETENCE

THIS IS TO CERTIFY that..... *(Name of applicant)* has been examined and found to posses sufficient knowledge and skill to enable him or her carry out repairs to type(s)..... instruments has been awarded the certificate of competence.

....

Executive Director,
UNBS

SCHEDULE 3

Rule 5

UGANDA NATIONAL BUREAU OF STANDARDS (UNBS)

MEASURING AND WEIGHING EQUIPMENT REPAIR LICENCE

This licence is issued to

..... Serial No.....

....

Place/ Town

The above named applicant, having been examined and found competent, is hereby issued with this repair licence to enable him or her repair weighing and measuring instruments as classified and indicated here below.

CODE	CLASS	TYPE OF INSTRUMENTS

Fee paid shs. .....

Validity.....

....

EXECUTIVE DIRECTOR

UNBS

SCHEDULE 4

Rule 5

WEIGHING AND MEASURING EQUIPMENT CLASSIFICATION

CLASS A
Light duty mechanical non automatic, capacity not exceeding 100 kg

CLASS B
Medium duty mechanical non automatic, capacity exceeding 100kg but not exceeding 1000 kg

CLASS C
Heavy duty mechanical non automatic, capacity exceeding 1000kg

CLASS D
Liquid fuel measuring instruments- Dispensers

CLASS E
Bulk meters

CLASS F
Precision and digital or electronic weighing instruments.

CLASS G
Tanks- calibrators

CLASS H
Automatic weighing and egg grading machines

SCHEDULE 5

Rule 11

TEMPORARY WEIGHING AND MEASURING EQUIPMENT REPAIR LICENCE

No.....

This licence is issued to .....

Holder Foreign Licence No. .....issued

at.....on.....

Purpose of this licence.....

Type of weighing equipment.....

Expected duration of work.....

Location of work.....

The work required to be done on behalf of.....

This licence is valid for one month from.....to.....

Dated at.....this.....day of.....20.....

Fees paid shs.....

.....

EXECUTIVE DIRECTOR

UNBS

SCHEDULE 6

Rule 15

THE WEIGHTS AND MEASURES (REPAIR OF WEIGHING AND MEASURING EQUIPMENT) RULES

CERTIFICATE TO BE USED BY MECHANIC AFTER REPAIRING, SERVICING OR INSTALLING WEIGHING EQUIPMENT IN SITE.

I hereby certify that the undermentioned weighing equipment has been installed/repaired/converted/overhauled/serviced by.....on

(Name of repairer)

behalf of.....

(Company of repairer)

On this .....day of.....20.....

Make/Type	*Serial No.*	*Capacity*	*Electric or hand operated*

Name of user.....Location.....

Street/ Road.....Approximate distance.....

from.....County.....

Village.....District .....

An Inspector of weights and measures is hereby invited to verify it/ them.

.....

Signature of Mechanic

SCHEDULE 7

Rule 16

THE WEIGHTS AND MEASURES (REPAIR OF WEIGHING AND MEASURING EQUIPMENT) RULES

WEIGHING EQUIPMENT WHICH CANNOT BE REPAIRED

NOTICE

To: *Name of owner of measuring equipment)*.....of
(address).....

This is to inform you that the weighing equipment,

viz.....Workshop Record No.....
submitted to me/ us for repair cannot be repaired for the following reasons:

.....
.....
.....
.....

Please do not use this weighing equipment for trade.

.....
Signature of the repairer

SCHEDULE 8

Rule 23

LICENCE FEES

	FEES	AMOUNT (SHS)
1.	Workshop fees	100,000
2.	Class A weighing equipment	120,000
3	Class B weighing equipment	100,000
4	Class C weighing equipment	200,000
5	Class D weighing equipment	150,000
6	Class E weighing equipment	200,000
7	Class F weighing equipment	200,000
8	Class G weighing equipment	200,000
9	Class H weighing equipment	200,000
10.	Fees for temporary repair licence	100,000
11.	Certificate of registration	50,000

VERIFICATION OF WEIGHING EQUIPMENT

CAPACITY	AMOUNT
For each weighing unit not exceeding 25kg	7,500=
For each weighing machine exceeding 25kg but not exceeding 100kg	8,000=
For each weighing machine exceeding 100kg but not exceeding 300kg	11,500=
For each weighing machine exceeding 300kg but not exceeding 600kg	13,000=
For each weighing machine exceeding 600kg but not exceeding 1000kg	17,500=
For each weighing machine exceeding 1000kg but not exceeding 5,000kg	31,500=
For each weighing machine exceeding 5,000kg but not exceeding 20,000kg	103,000=
For each weighing machine exceeding 20,000kg, every 10,000kg or part of it will be charged at a rate of	53,000=

SCHEDULE 9

Rule 12

THE WEIGHTS AND MEASURES (REPAIR OF WEIGHING AND MEASURING EQUIPMENT) RULES

UGANDA NATIONAL BUREAU OF STANDARDS.(UNBS)

TRAINEE REGISTRATION CERTIFICATE

Serial No.....

This certificate is issued to.....
(Name of trainee)

Training under the direct supervision of.....
(Name of repairer)

Holder of Repair Licence No.....of..... (Year of issue)

Application No.....dated.....at.....

.....

Business address:
Plot No.....Street.....Town.....

County.....District.....

This Certificate is valid from.....to 31st December, 20. ..

Dated at.....this.....day of.....20.....

Fees paid: Shs.....

.....
In- Charge-Weights and Measures

.....
EXECUTIVE DIRECTOR
UNBS

HAJAT JANAT MUKWAYA,
Minister of Trade, Tourism and Industry.

STATUTORY INSTRUMENTS
SUPPLEMENT No. 17 31st May, 2011

STATUTORY INSTRUMENTS SUPPLEMENT

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S T A T U T O R Y I N S T R U M E N T S

2011 No. 26.

The Weights and Measures (Dispensing Pumps, Bulk Meters and Bulk Measures) (Amendment) Rules 2011.

(Under sections 33 and 43 of the Weights and Measures Act, Cap.103)

IN EXERCISE of the powers conferred on the Minister by sections 33 and 43 of the Weights and Measures Act, these Rules are hereby made this 30th day of March, 2011.

1. Title

These Rules may be cited as the Weights and Measures (Dispensing Pumps, Bulk Meters and Bulk Measures) (Amendment) Rules 2011.

2. Amendment of S.I No. 33 of 2007

The Weights and Measures (Dispensing Pumps, Bulk Meters and Bulk Measures) Rules, 2007 in these Rules referred to as the principal Rules are amended as follows—

(a) in rule 63, by substituting for the word "quality" the word "quantity" wherever it occurs in the rule;

(b) in rule 66(2) by substituting for "Director" the words "Executive Director";

(c) in rule 76—

(i) in the head note by substituting for "or" the word "of";

(ii) in rule 76(2)(b) by substituting for "084" the figure "0.84";

(d) in rule 77 —

(i) by substituting for the head note "Calibration Certification" the following—

"Certificate of verification".

(ii) in rule 77(1) by substituting for "Calibration" second occurring, the word "verification".

3. Insertion of new Rule 78A

The principal Rules are amended by inserting immediately after rule 78 the following—

"78A Evidence of verification essential for custody transfer

(1) A person who loads or causes to load, unloads or causes to unload any of the fuels mentioned in rule 76(2) into or from a bulk measure without a valid verification certificate issued under rule 77 commits an offence and is liable on conviction to imprisonment not exceeding three months.

(2) A person who unloads or causes to unload any of the fuels mentioned in rule 76 (2) from a bulk measure that does not have a valid verification certificate issued under rule 77 shall notify the inspector of the need to verify the bulk measure.

(3) A person who fails to notify the inspector under rule 78 (2) commits an offence and is liable on conviction to imprisonment not exceeding three months.

(4) The notification mentioned in subrule (2) shall be issued to the inspector in writing, and any other means possible within twenty four hours after unloading the fuel and shall be in the form provided in Schedule 3.

(5) Without prejudice to sub-rule (4), any other faster means of communication to the inspector may be used in addition to the written notice provided under Schedule 3.

(6) A bulk measure in respect of which a notice of verification has been issued shall not be loaded until the verification has been carried out in accordance with these Rules.

(7) A person who fails to comply with subrule (6) commits an offence and is liable on conviction to imprisonment not exceeding three months."

4. Insertion of new Part VI in principal Rules

The principal Rules are amended by inserting immediately after Part V the following—

"Part VI— Dipstick Measuring Systems

80. Definition of dipstick

A dipstick means a metal bar of brass or any other suitable hard material that is used to determine the depth of a liquid in a tank.

81. Information on dipstick

The dipstick shall carry the following information—

(a) Vehicle registration number;

(b) TT- mark;

(c) Compartment number;

(d) Verification number;

(e) Graduations.

82. Dipstick-compartment relationship

Each dipstick shall relate to, and be used for measuring the quantity of fuel in one compartment only.

83. Shape of dipstick

(1) The dipstick shall be straight and free from flaws.

(2) The following cross-sectionals shall apply, round (solid), square, L-section, and T-section of brass or any other non-ferrous material.

(3) The cross-sectional area of a dipstick shall not exceed 5 cm^2.

(4) To avoid warping or bending L-section dipsticks shall be reinforced with hard wood.

84. Graduations

(1) The unit of measurement shall be the litre.

(2) The graduation lines indicating the tank capacities shall be straight and at right angles to the axis of the face of the dipstick and shall extend across the full width.

(3) The graduation shall be in a reasonable and convenient scale.

(4) All scale marks, letters, and figures shall be legible and permanently marked.

(5) Each scale mark shall be not less than 1 mm deep and not less than 1 mm nor more than 1.5 mm wide.

(6) Major scale marks shall be numbered by figures not less than 6 mm high, with lines not less than 1 mm deep and not less than 1 mm nor more than 1.5 mm wide.

(7) The figures shall be placed immediately above the scale marks to which they relate.

85. Guide tube

(1) Each compartment shall be fitted with a fixed vertical dipstick guide tube positioned in such a manner that the dipstick can pass as nearly as practicable through the centre of the volume of the compartment.

(2) The tube shall be of sufficient length and diameter so as to be able to guide the dipstick to move vertically square to the horizontal plane of the tank to the bottom.

(3) The tube shall always be perforated to check capillary attraction.

(4) At the top of the dipstick guide tube, there shall be provided a flat surface to create a datum surface, which shall consist of an annulus not less than 5 mm in width.

86. Landing plate

(1) At the bottom of each compartment there shall be a landing plate unto which the dipstick shall drop and rest before measurement is taken.

(2) The landing plate shall be of a thickness equal or greater than 4 mm but not exceeding 6 mm.

87. Tank number

The related tank number shall be conspicuously marked at the crosspiece end of the blade of the dipstick in figures not less than 6mm high.

88. Tank capacity

(1) The nominal capacity and the minimum quantity of fuel which may be delivered by the use of a dipstick from each compartment shall be marked legibly, conspicuously and permanently on the same side of the tank as the outlet valves.

(2) Where more than one compartment discharges through a common outlet manifold, means shall be provided to prevent liquid flowing from one compartment into another compartment.

89. Tank construction

(1) Tanks and compartments shall be so constructed that—

(a) the linear dimensions of a compartment when empty, partly filled or full shall not vary by more than 1 part in 1,000;

(b) the prescribed limits of error at any scale mark shall not be exceeded regardless of whether the adjacent compartments are empty or contain liquid;

(c) the tank shall be made of any metal, alloy or synthetic material that is suitable for the type of liquid it is intended to carry and those materials shall possess sufficient strength, durability, and stability and a coefficient of linear expansion not exceeding 25 x 10^{-6} °C.

(2) Each compartment shall be so shaped and constructed that, when the vehicle is standing on a level surface, no air pockets form on filling and no liquid is retained on discharge.

(3) Any baffles or stiffeners inside a compartment shall be so shaped and perforated that they do not interfere with its filling or emptying.

(4) The emptiness of a compartment and its associated discharge pipes shall be easily verifiable.

90. Calibration chart

(1) All tanks shall after calibration be accompanied by a calibration chart stamped by an Inspector of Weights and Measures upon verification of the measure.

(2) The calibration chart shall be printed on classic serialized paper provided by the Department of Weights and Measures

91. Information on the chart

The calibration chart shall carry the following information—

(a) name and address of the calibrator;

(b) name and address of the equipment owner;

(c) registration number of the vehicle;

(d) number of compartments;

(e) calibration date and date of recalibration;

(f) verification number;

(g) table containing calibration data litres against length in mm.

92. Tank to carry valid calibration chart

Every tank shall carry a valid original calibration chart at all times.

93. Calibration procedure

(1) Vehicle tanks used as measures shall be calibrated as capacity measures.

(2) In the case of meter equipped tanks the meter shall be treated as a separate measuring instrument for the purposes of calibration.

(3) The compartment capacity or capacities shall be taken as including the capacities of the delivery lines leading from the emergency, safety or master valve to the outlet valve or discharge valve except that in the case of vehicle compartment terminating in a single delivery pipeline fitted with an outlet valve, the compartment capacity or capacities shall be taken as excluding the capacity of the delivery pipeline but a notice shall be prominently exhibited on the vehicle tank indicating clearly and indelibly the following—

(a) marked capacity includes capacity of delivery line; or

(b) marked capacity excludes capacity of delivery line as the case may be.

(4) The safety or master valve shall be positioned at the lowest point of the outlet from the compartment.

(5) The proving measure of bulk meter should be mounted on an overhead gantry or a separate framework in a convenient position above a firm and level platform, preferably of concrete on which the vehicle stands during calibration.

(6) The vehicle shall be placed in a level position before commencing calibration as the accuracy of calibration depends on the level of the tank; the sequence in which compartments are calibrated should be such as to minimize unequal spring deflection on the axles of the vehicle.

(7) The front and rear tyres of the vehicle shall be at the correct pressures. The tyres shall be inspected for wear and tear which should be reasonably even and there shall not be excessive difference in the tread between the front set of tyres and the rear set at the time of calibration.

(8) The interior of the compartment shall be inspected and cleaned where necessary.

(9) Before starting calibration the pipelines, outlet valves and other connections shall be tested against leakage by partially filling and draining each compartment in turn through the outlet valve.

(10) During the process sufficient quantity of the testing medium should be introduced inside the compartment to wet the internal surface of the tank and pipelines.

(11) After taking the precautions mentioned above, the compartment to be calibrated shall be incrementally filled with appropriate proving measures or bulk meters in steps up to the marked capacity of the compartment with the delivery lines leading to the outlet valve full or empty as provided in subrule (3).

(12) The ullage mark shall be taken carefully and the line shall be cut on the ullage stick at right angles to the axis with the help of tri-square and scriber. If an ullage indicator is used, it shall be correctly set and sealed.

(13) A mark shall also be on the dipstick to indicate the "proof level". In the case of ullage stick, the distance from the ullage point to the T-joint shall be marked on the stick.

(14) The dipstick shall as well be marked to indicate incremental volumes up to full tank/compartment capacity.

(15) The sequence for calibrating compartments should be in sequence of filling them.

(16) The sequence of discharge shall be in the reverse order to that filling.

(17) Each compartment shall be left full before proceeding to the next in sequence.

94. Marking

(1) The vehicle shall have a brass plate riveted in a prominent position, to receive the Inspector's stamps.

(2) The brass plate shall bear the following particulars—

(a) the words "Weights and Measures Act";

(b) name of owner of vehicle;

(c) vehicle registration number;

(d) the serial number and capacity of each compartment.

(3) Space should be provided on the plate for the Inspector's stamps.

(4) A sample design for a brass plate is shown under Schedule 4.

(5) The capacity of the compartment shall be indelibly marked on the manhole cover of the compartment and also painted on each side of the compartment so that it is clearly visible. If there is more than one compartment, then each compartment shall have its capacity marked separately as above and the compartment numbered serially.

(6) The number of the compartment shall also be marked on the discharge valve pertaining to the compartment.

(7) The vehicle registration number as well as the capacity of the compartment shall be indelibly marked on the dip stick at the top end.

(8) If there is more than one compartment, the different faces of one dip stick may be used for markings and each face shall bear the vehicle number, the serial number of the compartment, the proof and dip lines of that compartment and the capacity of the compartment.

95. Dipstick testing

(1) Except in the case of a replacement dipstick tested by reference to a calibration chart certified and mentioned in subrule (2), a dipstick relating to a compartment shall be tested by inserting into the compartment known volumes of liquid and determine the position of the scale mark on the dipstick when the road tanker is on a level surface.

(2) The known volumes in subrule (1) shall be determined using—

(a) local standards of capacity; or

(b) a reference meter; or

(c) other equipment, being measures of capacity forming part of a fixed installation or being mounted on a vehicle or trailer, which the inspector considers suitable, and adjusted so as not to have any apparent error, within the last twelve months.

(3) A replacement dipstick shall be tested by comparing the distance of every scale mark from datum surface with that given on the calibration chart certified by an inspector as accurate at the time of a testing in accordance with subrule (1); unless any alteration, addition, damage or repair has been effected to the compartment which in the opinion of the inspector has invalidated the calibration chart, and in that case the dipstick measuring system shall be **tested** in accordance with subrule (1).

(4) Not more than two dipsticks relating to a compartment may be passed as fit for use for trade on any one occasion.

96. Tanks submitted for testing shall be tested in a clean condition.

5. Amendment of Schedule 1 to principal rules

The principal Rules are amended in Schedule 1 by revoking each full stop appearing after each of the symbols appearing in that Schedule.

6. Insertion of new Schedules 3 and 4

The principal Rules are amended by inserting immediately after the Second Schedule the following—

"SCHEDULE 3

RULE 78 A (4)

ROAD TANK VERIFICATION NOTICE

The inspector's attention is drawn to the fact that a road tank in use for trade and of the under mentioned particulars does not bear a valid verification status.

Registration No:.....

Type/Make:.....

Outlet to which the last delivery was made:.....

:.....Located at.....Town/City.....

For: Manager

(Name).....Signature.....

For official use only

Inspector's comments

SCHEDULE 4

THE WEIGHTS AND MEASURES ACT, CAP 103

RULE 94 (2)

SAMPLES DESIGN FOR BRASS PLATE

Name of the Company: .....

Vehicle tank No. .....

Name of plate .....

Compartment Number	Compartment Capacity (Litres)	Inspector's Stamp

HON. KAHINDA OTAFIIRE, (MAJ GEN)
Minister of Tourism, Trade and Industry.