

PUBLIC NOTICE No. 16 OF 1987

Published 21st May, 1987

THE FACTORIES ACT, 1974
(Act No. 3 of 1974)

**THE MACHINERY (SAFE WORKING AND INSPECTION) (FEES)
RULES, 1987**

Short tit

In exercise of the powers conferred upon the Minister of Works and Labour by Section 16 of the Factories Act, the following Rules are hereby made:—

1. Basic fees for the Inspection and testing by Inspectors of Factories of the following items of plant and machinery:— boilers, air and steam receivers and other types of pressure vessels, as well as cranes, passengers and goods lifts, chain blocks, fork lift trucks, and other lifting equipment; electrical equipment and other fixed and portable power consuming apparatus including insulating and earthing devices, shall be in accordance with the scale set out in the First Schedule. Scale of fees for testing of Machinery generally
2. Fees for the Inspection, testing, calibration, non-destructive testing and proof load testing of chains, ropes, slings, liquid and petroleum gas bottles, pressure gauges, chainblocks and other machinery and equipment and for consultative work done in connection with the safe working and safe operation of plant and machinery in industry shall be in accordance with the scales set out in the Second Schedule. Scale of fees for test carried at the Testing Station
3. In addition to the fees prescribed in the First and Second Schedules, owners of machinery tested shall, where appropriate, be liable to reimburse any travelling expenses incurred by the inspector and the cost including overtime payment or any special labour and equipment required for the purpose of the testing, which is not supplied by the owners of the machine or electrical equipment tested as follows:— Reimbursement of expenses

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Travelling Expenses

- (i) Where the occupier of a Factory cannot provide the Inspector with private transport, travelling expense will be paid at a minimum rate of Le5.00 per mile per head to the Inspector for the first 25 miles distance travelling in the Western Area and any provincial town. For distance travelled outside the 25 miles radius, the following rates which will be reviewed from time to time will operate Le4.00 per mile above 25 miles up to 100 miles and Le3 per mile above 100 miles.
- (ii) Accommodation expenses will be charged at rates not exceeding rates payable in Government hotels where the occupier cannot provide suitable accommodation for the Inspector.
- (iii) The expenses item on every inspection bill will normally be shown. Where however, an Inspector has made a special visit for inspection or an examination of a plant or machinery the occupier may have to bear the whole of the expenses claimed in the bill.
- (iv) Surcharge:— This is payable at the rate of Le50.00 per hour plus travelling expenses where an Inspector has been requested to test, inspect or examine a plant or machinery at a certain time and has been unable to do so because of lack of preparation on the part of the occupier.

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4. The Machinery (Safe Working and Inspection) (Fees) Rules (P.N. No. 61 of 1972) are hereby revoked.

FIRST SCHEDULE (Rule 1)

**BASIC FEES FOR EXAMINATION OF PRESSURE VESSEL—
VISUAL, HAMMER AND WORKING OR STEAM TESTS**

Description	<i>Fees in Leones</i>
Boiler designed for superheated steam or having an evaporative capacity of 25,000 lbs. per hr. (11,350 kg/hr.) and above	Le250.

- (2) Water tube boilers designed for working pressures of 100 psig and above or having an evaporative capacity of between and including 1,000 lbs per hr. (4540 kg/hr.) and 25 000 lbs per hr.. (11,350 kg/hr.). ... Le200.00
- (3) Water tube boilers designed for working pressures below 100 psig or having an evaporative capacity less than 10,000 lbs of steam per hr. (4,540 kg/hr.). ... Le200.00
- (4) Locomotive, Lancashire, Cornish and Horizontal Multi-tubular boilers ... Le125.00
- (5) Vertical, Vertical Cross-tube, Vertical Multitubular and small package boilers under 100 psig. (45kg/cm²) in working pressure ... Le125.00
- (6) Electrode boiler and boilers under 2ft (600mm) in diameter. ... Le100.00
- (7) Economizers not exceeding 120 tubes ... Le100.00
- (8) Economizers exceeding 120 tubes ... Le120.00
- (9) Super heaters, Heat Exchangers and Condensers ... Le120.00
- (10) Steam receiver under 2ft. (600mm) outside diameter Le 80.00
- (11) Steam receivers over 2ft outside diameter (600mm) Le 70.00
- (12) Steam tube ovens ... Le 80.00
- (13) Medical Sterilizers boilers ... Le 70.00
- (14) Hospital steam receivers and large Autoclaves ... Le 80.00
- (15) Small Hospital Autoclaves ... Le 50.00
- (16) Laundry presses and steam receivers not circular in shape ... Le 50.00
- (17) Steam Cleaners —
- (i) Up to 2 cubic ft. capacity ... Le 50.00
- (ii) above 2 cubic—10 cubic ft. capacity ... Le 70.00
- (iii) above 10 cubic ft. capacity ... Le 90.00
- (18) Industrial Air Receivers designed for pressures of 250 psig. and above ... Le125.00
- (19) Industrial Air Receivers designed for working pressures below 250 psig. and above 100 psig. ... Le100.00

- (20) Industrial Air Receiver designed for working pressures of 100 psig. and below Le 80.00
- (21) Small portable Air Receivers from $\frac{1}{4}$ cubic ft. to 2 cubic ft. volume capacity Le 50.00

2. BASIC FEES FOR EXAMINATION OF HOIST OR LIFTS, ESCALATOR, WINCHES, LIFTING MACHINES AND LIFTING TACKLES

Category	Hoists, Lifts and Escalators	Fees in Leone s
A. (1)	Dumbwaiters and non-passenger carrying hoists	
	(a) First 2 floors and machine room	Le65.00
	(b) Every additional floor	Le 15.00
(2)	Single and 2-speed A.C. resistance lifts	
	(a) First 2 floors plus machine room	Le120.00
	(b) Every additional floor	Le 15.00
(3)	Geared Unit Multi-Voltage Lifts	
	(a) First 2 floors plus machine room	Le130.00
	(b) Every additional floor	Le 15.00
(4)	Gearless Unit Multi-Voltage Lifts	
	(a) First 2 floors plus machine room	Le140.00
	(b) Every additional floor	Le 15.00
B.	CRANES, POWER-OPERATED	
(5)	Over 10 tons capacity (10,000 kg.)	Le150.00
	Auxiliary hoist	Le 40.00
(6)	Over 5 tons (5,000 kg.) and up to 10 tons (10,000 kg.) capacity	Le120.00
(7)	Up to 5 tons (5,000 kg.) capacity	Le 60.00
C.	CRANES, MANUALLY-OPERATED	
(8)	Over 5 tons (5,000 kg.) capacity	Le 80
	Up to 5 tons (5,000 kg.) capacity	Le 60

D. HOISTS BLOCKS AND OTHER POWER OPERATED LIFTING MACHINES, FORK LIFT TRUCKS, ETC.

(9)	Over 5 tons (5,000 kg.) capacity	...	...	Le100.00
(10)	Up to 5 tons (5,000 kg.) capacity	...	...	Le 70.00

CHAIN BLOCKS AND OTHER MANUALLY OPERATED LIFTING MACHINES

(11)	Over 5 tons (5,000 kg.) capacity	...	...	Le100.00
(12)	Over 1 ton (1,000 kg.) and up to 5 tons (5,000 kg.) capacity	...	...	Le 80.00
(13)	Up to 1 ton (1,000 kg.)	...	...	Le 60.00
(14)	Cranes and other runway	...	...	Le1.50 per ft. or per metre run
(15)	Runway trolleys	...	...	Le8.00

CHAINS, ROPES AND LIFTING TACKLES

(6)	Chains, ropes and sling	Le1.50 per ft. run or per metre run
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HOISTS AND LIFTS

(7)	Rings, hooks, shackles, swivels, etc.	Le8.00
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Items 16 and 17 refer only to loose gear and not to tackle permanently attached to lifting machines.

DRAGLINES, DRAG SHOVELS, TOWER AND OTHER EARTH MOVING EQUIPMENT

()	All draglines, drag shovels, winches and other earth moving equipment excluding Air Receivers	Le150.00
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TOWER CRANES

	All tower cranes and portal cranes	Le120.00
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J. BASIC FEES FOR ELECTRICAL INSPECTION AND TESTS OF
ELECTRICAL WIRING INSTALLATION AND OTHER POWER
CONSUMING APPARATUS

TESTING OF EQUIPMENT AND EARTHING SYSTEM

<i>Categories of Fac- tories or Industries</i>	<i>Fees for Testing and Inspection lasting up to 4 hours</i>	<i>Fee for testing and inspection above 4hrs. and up to 8 hrs.</i>
(a) Factories or Industries with electric consumption below 8kw. sustained load	Le50 per hour or fraction of the hour	Le200.00 Le200.00
(b) Factories or Industries with electric consumption of 8-25kw.	Le80 per hour or fraction of the hour	Le320.00
(c) Factories or Industries with electric consumption of 25-30kw.	Le120.00 per hour or fraction of the hour	Le400.00
(d) Factories or Industries with electric consumption above 300kw. maximum demand or sustained load	Le180 per hour or fraction of the hour	Le720.00

1. (i) The Factories or Industries referred to in paragraph (1) (a) above are the following:—

Petrol filling stations, small motor vehicle repair garages, cinemas, shoe repairs, rice and cornmills, tailoring shops, small electrical and electronic repair workshops, small battery charging workshops and Industries with electric consumption below 8kw. maximum demand or sustained load

(ii) The Factories or Industries referred to in paragraph (1) (b) above are the following:—

Small aerated water factories, upholstery workshops, bakeries, tile manufacturing, carpentry workshops, small printing presses, large electrical repairs workshops, me

workshops, small factories processing ice, fish and meat quarries, large motor vehicle repair workshops, large laundries and dry cleaning enterprises and all of the industries with electric consumption of 8kw-25kw maximum demand or sustained load.

- (iii) The Factories or Industries referred to in paragraph (1) (c) above are the following:—

Large mineral water factories, large printing presses, small manufacturing industries, works of engineering construction sites and all other factories or industries with electric consumption of 25-500 kw. maximum demand or sustained load.

- (iv) The Factories or Industries referred to in paragraph (1) (d) above are the following:—

All other factories or industries with electric consumption above 500 kw. e.g., mining companies, large food and drinks industries, saw mills, large fish processing factories, large wood working industries and other large manufacturing industries.

SECOND SCHEDULE

(Rule 2)

BASIC FEES FOR TESTING DONE AT THE TESTING STATION

(a) CHAIN BLOCK SECTION

Overhauling:—i.e., Dismantling, Cleaning, Assembling, inspection and Repairs

(i) Up to 1 ton (1,000kg.) capacity	... ..	Le 60.00
(ii) Above 1 ton (1,000 kg.) and up to 5 tons (5,000 kg.)	... ..	Le 80.00
(iii) Above 5 tons (5,000 kg.) capacity	... ..	Le 100.00

(b) CHAIN AND ROPE TESTING SECTION

CHAINS: Cleaning and proof load testing sizes up to $\frac{5}{8}$ " diameter	... ..	Le 50.00
Above $\frac{5}{8}$ " diameter up to 1" diameter	... ..	Le 80.00

ROPES: Proof load testing to determine safe working load sizes up to $\frac{5}{8}$ " diameter	... ..	Le 30.00
Above $\frac{5}{8}$ " diameter up to 1" diameter	... ..	Le 50.00

(c) ROPES:

The testing for strength using tensile testing machine and bending and twisting machine.

Lift ropes	} From Le30.00 minimum to Le60.00 maximum per hour depending upon size of rope
Excavator ropes	
Cable ropes	
Haulage ropes	

(d) PRESSURE GAUGE TESTING SECTION

Testing, calibration and certification of pressure ... Le 20.00

(e) NONE DESTRUCTIVE TESTING SECTION

Ultrasonic flaw detection and thickness measurement.
Minimum Le60.00—maximum Le200.00 depending
on extent of work

(f) MAGNETIC CRACK DETECTION

Minimum Le30.00—maximum Le100 depending on
extent of work.

(g) L. P. G. GAS BOTTLES TESTING SECTION

(i) Hydraulic tests and permit issue Le50.00 per 86 lbs bottle

(ii) Hydraulic test and permit issue Le25.00 per 28 lbs bottle

(iii) Internal inspection and cleaning
every three years ... Le30.00 per 86 lbs bottle

(iv) Internal inspection and cleaning
every three years ... Le15.00 per 28 lbs bottle

(v) Paint spraying to customers colour Le80.00 per 86 lbs bottle

(vi) Paint spraying to customers colour Le40.00 per 28 lbs bottle

CONSULTATIVE WORK

Between Le50.00 and Le100.00 per hour on the nature of work.

TESTING DONE AT SIERRA LEONE OXYGEN FACTORY LIMITED—TESTING SECTION INDUSTRIAL GAS BOTTLES

(i) Hydraulic Pneumatic test ... By arrangement with Sierra Leone Oxygen Factory

(ii) Annual Visual Examination ... By arrangement with Sierra Leone Oxygen Factory—

(iii) Certification and permit issued by Factory Inspectorate ... Le15.00 per bottle.

ADDITIONAL FEES

(1) Each hydraulic test of a pressure 45 per cent of the appropriate basic fee.

(2) Each proof load test or ropes of chains on cranes or lifting machines 40 percent of the appropriate basic fees.

Made this 25th day of March, 1987.

HON. PROF. V. J. V. MAMBU,
Minister of Works and Labour.