

GOVERNMENT NOTICE No. 113 published on 4/3/2022

THE ELECTRICITY ACT,
(CAP. 131)

RULES

(Made under sections 8(3), 33(2)(b) and 45)

THE ELECTRICITY (ELECTRICAL INSTALLATION SERVICES) RULES,
2022

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THE ELECTRICITY ACT,
(CAP. 131)

RULES

(Made under sections 8(3), 33(2)(b) and 45)

THE ELECTRICITY (ELECTRICAL INSTALLATION
SERVICES) RULES, 2022

PART I
PRELIMINARY PROVISIONS

- Citation **1.** These Rules may be cited as the Electricity (Electrical Installation Services) Rules, 2022.
- Application **2.** These Rules shall apply to regulatory and licensing matters related to the provision of electrical installation services in Tanzania Mainland.
- Interpretation
Cap. 131 **3.** In these Rules, unless the context otherwise requires-
“Act” means the Electricity Act;
“applicable law” means any written law, treaty, proclamation, regulation, rule, order or by-law that is customarily treated in Tanzania as having legally binding force and which is relevant to matters pertaining to regulation of the electrical installation services;
- Cap. 414 “Authority” means the Energy and Water Utilities Regulatory Authority established under the provisions of the Energy and Water Utilities Regulatory Authority Act;
- “Best Industrial Practices” means practices in accordance with the most up to date international standards that are generally accepted in the electricity industry for the conduct of the electricity activities taking into account the relevant safety, economic, technological and environmental aspects.
- “Distribution Network Operator” or in its acronym “DNO” means a network operator responsible for the operation

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- of a distribution network at 33 kV or below;
“electrical installation activities” means activities which involve an assembly of associated electrical equipment supplied with power from a common point of origin to fulfil a specific purpose and having certain coordinated characteristics.
- Cap. 414 “EWURA Act” means the Energy and Water Utilities Regulatory Authority Act;
“FTC” means a full technician certificate;
“high voltage” means ac or dc voltage of the amount above thirty-three thousand volts;
“kV” means kilovolts”
“law enforcement agent” means police, immigration, or prison force;
“licence” means an electrical installation licence issued by the Authority under these Rules;
“licensee” means the holder of a licence;
“linesmen” means people who are qualified for construction and maintenance of substations, transmission and distribution power lines;
“low voltage” means ac or dc voltage less than or equal to one thousand volts;
“medium voltage” means ac or dc voltage above one thousand and below or equal to thirty-three thousand volts;
- Cap. 130 “national standards” means standards made under the Standards Act;
“NTAL” means National Technical Award Level;
“Specialized electrical installation works” means works which are required to be done by specialized skilled personnel in a particular area of the electrical engineering field with enough practical experience including live line works, motor rewinding, cable jointing, renewable energy, linesmen, and biomedical engineering electrical installation works.

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**PART II
LICENSING PROCEDURE**

Obligation to
apply for
licence

4.-(1) A person shall seek and obtain a licence from the Authority before conducting electrical installation activity.

(2) Any person who contravenes the provisions of subrule (1) commits an offence and shall on conviction, be liable to a fine not exceeding one million shillings or to imprisonment for a term not exceeding five years or both.

Licence
application
procedure

5.-(1) A person who desires to be issued with electrical installation licence shall make online application in the form and manner prescribed by the Authority.

(2) an application for a licence shall be accompanied by:

- (a) copies of the applicant's academic certificates;
- (b) a curriculum vitae of the applicant;
- (c) a recently taken passport size colored photo with blue background;
- (d) relevant work permit for non-citizen applicants;
- (e) a non-refundable application fee as prescribed in the First Schedule to these Rules; and
- (f) valid Tax Identification Number (TIN).

(3) For the purpose of subrule 2(a), an academic certificate issued by a foreign institution shall be certified by the relevant authority in Tanzania.

Classes of
electrical
installation
licences

6.-(1) The following shall be the classes of licences issued by the Authority:

- (a) Class A: issued to carry out electrical installation works at all voltage levels;
- (b) Class B: issued to carry out electrical installation works of voltage level up to 33,000 Volts;
- (c) Class C: issued to carry out electrical installation works of voltage level up to 1000 Volts;
- (d) Class D: issued to carry out electrical installation works of voltage level up to 230 Volts;

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- (e) Class W: issued to carry out electrical installation works under electrical supervisors who possess licences Class A, B, C, S1, S2, S3 or D;
- (f) Class “S1”: issued to conduct specialized electrical installation works at all voltage levels;
- (g) Class “S2”: issued to conduct specialized electrical installation works up to 33000Volts; and
- (h) Class S3: issued to conduct specialized electrical installation works up to 1000Volts.

(2) Notwithstanding the scope of the works prescribed, a licensee under classes A, B, C and D shall not be allowed to undertake any work under specialized licence unless the licensee possess a specialized class licence.

Minimum requirements for obtaining electrical installation personnel licence

7.-(1) A person shall not be issued with an electrical installation licence unless that person-

- (a) in case of Class “A” licence, possess any the following:
 - (i) certificate of registration as professional electrical engineer and relevant academic certificates;
 - (ii) degree in electrical engineering or electromechanical engineering or National Technical Award level 8 or above and three years of relevant practical working experience in electrical installation works, one of which in high voltage installations;
 - (iii) national Technical Award Level 7 or Higher Diploma in Electrical/Electromechanical Engineering and four years of relevant practical experience in electrical installation works, two of which in high voltage installations; or

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- (iv) national Technical Award Level 6 or Full Technician Certificate in electrical/electromechanical engineering and five years of relevant practical working experience in electrical installation works, three of which in high voltage installations;
- (b) in case of “Class B” licence, possess any of the following:
- (i) degree in electrical engineering or electromechanical engineering or National Technical Award level 8 and two years of relevant practical working experience in electrical installation works, one of which in medium voltage installations; or
 - (ii) National Technical Award Level 7 or higher diploma in electrical/electromechanical engineering and three years of relevant practical experience in electrical installation works, one and half of which in medium voltage installations; or
 - (iii) National Technical Award Level 6 or Full Technician Certificate or equivalent in electrical/electromechanical engineering and four years of relevant practical working experience in electrical installation works, two of which in medium voltage installations.
- (c) in case of “Class C” licence, possess any of the following:
- (i) degree in electrical engineering or electromechanical engineering or National Technical Award level 8 or equivalent degree in electrical

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- engineering;
 - (ii) National Technical Award Level 7 or higher diploma in electrical/electromechanical engineering or equivalent in electrical installation;
 - (iii) National Technical Award Level 6 or ordinary diploma in Electrical/electromechanical Engineering or Full Technician Certificate in electrical engineering or equivalent in electrical installation;
 - (iv) National Technical Award level 4, National Technical Award level 5, or Trade Test Grade I /level III or its equivalent and two years of relevant practical working experience in electrical installation works; or
 - (v) Trade Test Grade II /Level II or its equivalent and three years of relevant practical working experience in electrical installation works.
- (d) in case of “Class D” licence, possess any of the following:
- (i) Trade Test Grade I, II, III, NTAL 4, NTAL 5 certificate or its equivalent in electrical installation; or
 - (ii) beginners, short courses, intermediate courses, advanced certificate or equivalent with three years working experience in electrical installation works.
- (e) in case of “Class W” licence, possess either beginners, short courses, intermediate courses, advanced certificate or any other qualifications in electrical installation from recognized technical institutions;
- (f) in case of class “S1” licence, possess any of the

following:

- (i) certificate of registration as professional Electrical/electromechanical engineer and three years of relevant practical experience in specialized electrical installation works, one of which in high voltage installations;
 - (ii) degree in electrical engineering or electromechanical engineering or National Technical Award level 8 and four years of relevant practical working experience in specialized electrical installation works, two of which in high voltage electrical installation works;
 - (iii) National Technical Award Level 7 or higher diploma in Electrical Engineering and five years of relevant practical experience in specialized electrical installation works three of which in high voltage electrical installations; or
 - (iv) National Technical Award Level 6 or full technician certificate in electrical/electromechanical engineering or equivalent and six years of relevant practical working experience in specialized electrical installation works, four of which in high voltage installations;
- (g) in case of a “Class S2” licence, possess any of the following:
- (i) certificate of registration as Professional Electrical/electromechanical Engineer and three years relevant practical experience in specialized electrical

- installation works, one of which in medium voltage installations;
- (ii) bachelor degree in electrical engineering or electromechanical engineering or National Technical Award level 8 and three years of relevant practical working experience in specialized electrical installation works, two of which in medium voltage installations; or
 - (iii) National Technical Award Level 7 and above or Higher Diploma in Electrical/electromechanical Engineering and four years of relevant practical experience in specialized electrical installation works, one and half years of which in medium voltage installations;
- (h) in the case of “Class S3” licence, possess any of the following:
- (i) degree in electrical/ electromechanical engineering or National Technical Award level 8 and above or equivalent degree in electrical/electromechanical engineering and one year of relevant practical working experience in the specialized electrical installation works;
 - (ii) National Technical Award Level 7 or higher diploma in electrical/electromechanical engineering or equivalent and two years of relevant practical experience in specialized electrical installation works; or
 - (iv) National Technical Award Level 6 or ordinary diploma in electrical/electromechanical Engineering or Full Technician Certificate in electrical engineering or equivalent and three years of relevant practical working experience in specialized electrical installation works;

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(v) National Technical Award level 4 or Trade Test Grade I, II or its equivalent and four years of relevant practical working experience in specialized electrical installation works;

(2) Without prejudice to sub rule (1), the Authority may, using a level similar to the qualifications prescribed under sub rule (1), award a licence to an application accredited by a recognized academic institution and the licence shall be commensurable to the level of accreditation provided that, the applicant shall meet any other licensing conditions as the authority may prescribe..

(3) In addition to the requirements prescribed in these Rules and at the discretion of the Authority, an applicant for a licence may be required to undertake an oral or practical interview or both, which shall be conducted by the Authority.

Evaluation of applications

8.-(1) The Authority shall constitute a committee to evaluate all applications and verify their completeness of information contained therein and give recommendations to the Board for decision.

(2) The Committee constituted under sub-rule (1) shall comprise of the following members:

- (a) technical manager of the Authority who is responsible for licensing matters who shall be the Chairperson;
- (b) legal manager of the Authority who is responsible for Licensing and Enforcement;
- (c) one principal engineer of the Authority who is responsible for licensing matters;
- (d) one officer from the legal services Division of the Authority who is responsible for licensing matters;
- (e) one member from training institutions; and
- (f) one member from the Ministry responsible for electricity matters.

(3) The Committee shall be served by the Secretariat comprised of the senior electricity inspector and

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the assistant clerk licensing officer both from the Authority.

(4) Upon receipt of a complete application, the committee shall evaluate the application and give its recommendations to the Authority for decision.

(5) The Committee shall hold meetings for evaluating the applications at such times and places as may be specified.

(6) Save for members specified under subrules (2)(e) and (f), a member may be represented in case of absence of that member.

Grant of
licence

9.-(1) The Authority shall, upon receipt of recommendations from the committee have powers to-

(a) approve the application and issue a licence for a term of five years;

(b) refer back the application; or

(c) reject the application.

(2) Notwithstanding the licence term prescribed under subrule (1) (a), the Authority may issue a licence for a shorter term where the circumstances so require and may grant the applicant any licence class relevant to his academic qualification and experience regardless of the licence class applied for.

(3) An applicant who is granted a licence by the Authority shall, within a period of three months, collect the licence from the Authority.

(4) Without prejudice to the requirements contained in these Rules, the Authority may require an applicant for specialized license works to be verified by either accredited institution or any other entity proposed by the Authority.

(5) The licence issued under this rule shall have effect and entitle the licensee to conduct his business over the Tanzania Mainland.

Refusal to
issue licence

10.-(1) The Authority may refuse to issue a licence where:

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- (a) the Authority is satisfied that the application does not comply with the provisions of the Act or any applicable law;
- (b) the Authority is satisfied that the applicant has submitted false information; and
- (c) the Authority is satisfied that the licensing of a person will occasion a conflict of interest.

(2) The Authority shall, in the event it rejects an application for issuance of licence, inform the applicant of such decision in writing, including the reasons thereof.

Safe keeping
of a licence

11.-(1) A licensee shall keep a license in safe custody and in event of loss or damage of the licence, the licensee shall immediately report to the Authority and police respectively.

(2) The Authority may, upon application by the applicant and after-

- (a) payment of the fee as prescribed in the First Schedule; and
- (b) production of loss report issue a duplicate certificate.

Upgrading
and renewal
of licence

12.-(1) A licensee who obtains higher qualifications within the term of a licence, than indicated in the application may apply to the Authority for upgrading the licence to the appropriate higher class.

(2) A licensee shall, if he intends to renew the licence, apply to the Authority for renewal of the licence two month prior to its expiry.

(3) A licensee who fails to apply for renewal of the licence six months after expiration of the licence, shall be obliged to apply for a new licence.

Suspension
and
revocation of
licence

13.-(1) Subject to the provisions of the Act, the Authority may suspend or revoke a licence where -

- (a) it discovers that the licence was obtained by deliberate or negligent submission of false

information or statements;

- (b) it discovers that the licence was obtained through submission of forged documents;
- (c) the licensee has contravened the Act, these Rules or any terms or conditions of the licence;
- (d) the licensee has intentionally, recklessly or negligently undertaken substandard electrical installation work; and
- (e) the licensee has been convicted or found guilty of an offence relating to misrepresentation or fraudulent conduct in relation to the licensed activities.

(2) The Authority shall, before suspending or revoking a licence under subrule (1), give written notice to the licensee of its intention to suspend or revoke a licence shall state the reasons for the intended suspension or revocation and require the licensee to make representations within thirty days as to why the licence should not be suspended or revoked.

(3) The Authority may revoke or suspend a licence, where the licensee has failed to explain satisfactorily why the licence should not be revoked or suspended.

(4) Upon the suspension of a licence, the Authority shall specify in writing, the period of such suspension.

(5) Upon the revocation of a licence, the Authority shall notify the licensee in writing, of the revocation and from that date the licence so revoked shall be void.

(6) A person whose licence is revoked under these Rules is eligible to apply for a new licence only after a lapse of three years from the date of revocation of his licence.

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Return of
licence

14.-(1) A licensee shall, within fourteen days after receiving a copy of the order of suspension or revocation, return the licence to the Authority.

(2) A person who contravenes the provisions of this rule commits an offence and shall, on conviction, be liable to a fine of three hundred thousand shillings.

PART III
OBLIGATIONS OF A LICENSEE, OCCUPIER AND
DISTRIBUTION NETWORK OPERATOR

Electrical
installation
works

15.-(1) A licensee shall ensure that electrical installation works, including any additions, alterations, repairs and adjustments to existing installations are not carried out in any premises on behalf of any client, except by dully licensed electrical installation personnel.

(2) A licensee shall ensure that all electrical installation works are done in accordance with the applicable national standards in force, industrial best practices and applicable laws.

Compliance
with laws

16. The licensee shall at all times during the term of the Licence, comply with-

- (a) applicable laws, orders and directives issued by the Authority; and
- (b) applicable codes and standards on safety, hazardous substances, security, health and environment.

Inspection
and testing

17.- (1) A licensee shall inspect, test and record information on the installation so as to ensure its safety.

(2) A licensee in charge of an installation shall, after completion of the installation work, ensure that a copy of "as installed drawing" is produced and handed over to the owner of the premise for custody and the owner shall keep such copy and produce the same if required by the Authority.

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(3) A licensee shall, upon completion of an installation work, issue a certificate to the client in the format prescribed in the Second Schedule to these Rules.

(4) The Authority may, at any time, inspect the premises where the installation work is taking place.

Accidents
during
electrical
installations

18.-(1) A licensee shall immediately report to the Authority of any accident occurring in the course of carrying out electrical installation works.

(2) The Authority may, where it deems necessary, carry out investigation for the purpose of establishing the cause of accident for enabling the Authority to prescribe measures to avoid recurrence and mitigate the effects.

(3) The Authority may, where circumstances justify, hire an independent expert to investigate any accident that happened in the course of discharging a work licensed under the Act and those Rules.

(4) Where the accident is a result of reckless or negligence of a licensee and it has resulted in to damage the victim of the accident may file a complaint before the Authority for compensation.

Obligation of
owner or
occupier of
premises

19.-(1) An owner or occupier of a premise shall only employ or contract a licensed person to undertake electrical installation works.

(2) An owner or occupier of a premise shall ensure the installation is inspected by a licensed electrical installation personnel in accordance with the intervals prescribed in the Third Schedule to these Rules.

(3) The licensee shall, on completion of periodic inspections issue a certificate as prescribed in the Fourth Schedule to these Rules.

(4) Where an owner or occupier contravenes the provision of subrule (2), the said premise shall be rendered ineligible for power supply and where the Authority deems it proper and for public interest, may appoint a qualified person to undertake the inspection at the cost of the said owner or occupier.

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Obligation of
distribution
network
operator

20. The Distribution Network Operator shall-

- (a) ensure that service line application forms submitted for power connection are dully filled and signed by a licensed electrical installation personnel;
- (b) ensure that any power connection application by the client is accompanied by a copy of “as installed drawing” and certificates prescribed under Rule 17 (2) and (3); and
- (c) verify installation parameters before connecting power to the premise.

**PART IV
GENERAL PROVISIONS**

Offences

21.-(1) A licensee who undertakes any electrical installation work outside the scope of his licence shall be liable to a fine of two hundred thousand shillings.

(2) A licensee who conducts any electrical installation work contrary to the Act and these Rules shall be liable to a fine of Three Hundred Thousand shillings.

General
penalty

22. A person who contravenes any provisions of these Rules for which no punishment is expressly provided, shall be liable to a fine of three hundred thousand shillings

Penalty for
continuous
breach

23. Any person who is in continuous breach of these Rules shall be liable to a fine of one hundred thousand Shillings for every day on which the breach continues.

Compounding
of offences

24. Where a person violates any provision for which a fine is prescribed under these Rules or the Act, the Authority may compound the offence under the provision of Energy and Water Utilities Regulatory Authority (Compounding of Offences) Regulations, 2020.

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Authority to enforce and supplement procedure

25.-(1) The Authority shall enforce these Rules by virtue of the power conferred to it under the Act, EWURA Act and these Rules.

(2) In enforcing the Rules, the Authority may seek and use the assistance from the law enforcement agency.

Right of Appeal

26. Any person who is aggrieved by the decision of the Authority under these Rules may appeal to the Fair Competition Tribunal within thirty days from the date of the decision.

Revocation GN. No. 382 of 2019

27.-(1) The Electricity (Electrical Installation Services) Rules, 2019 are hereby revoked.

(2) Notwithstanding the revocation of the Electricity (Electrical Installation Services) Rules, 2019, all orders, exemptions or directives made or issued or deemed to have been made or issued under those Rules shall be deemed to have been made under these Rules, and shall remain in force until specifically revoked by direct reference or otherwise expire or cease to have effect.

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FIRST SCHEDULE
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(Made under rule 5(2)(e) and 11(2))

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LICENCE FEE
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Type / Class of Licence	Application Fee	Duplicate Licence Fee
A, B, S1, S2,	130,000	20,000
C, D, W, S3	50,000	20,000

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SECOND SCHEDULE

(Made under rule 17(3))

CERTIFICATE FOR COMPLETION OF NEW/EXISTING ELECTRICAL INSTALLATION WORK

Completion Certificate for Electrical Installation
Customer's name.....
Location of Installation: Street/Village.....
District.....
Region:.....
Mobile phone.....
Insert (✓) where appropriate:
Type of premises: Residential <input type="checkbox"/> Commercial: <input type="checkbox"/> Industrial <input type="checkbox"/>
Type of Installation work carried out: New <input type="checkbox"/> Extension <input type="checkbox"/> Alteration <input type="checkbox"/>
OtherS (Specify):.....
Type of Power Supply: single phase <input type="checkbox"/> three phase <input type="checkbox"/>
Supply Voltage: 230V <input type="checkbox"/> 400V <input type="checkbox"/> 11kV <input type="checkbox"/> 33kV <input type="checkbox"/> others (specify):.....
Anticipated load (kW):.....
Electrode resistance to earthΩ
Earthing conductor used: Materialcsa.....mm ² : Earthing System (TN-C,TN-S,TN-C-S,TT,IT):.....
Insulation resistance (M Ω): L1/N:.....L2/N:.....L3/N:.....L1/L2:.....L2/L3:.....L3/L1:..... L3/N:.....N/E:.....L1/E:.....L2/E:.....L3/E:.....
Type of main switch/circuit breaker/RCD/RCCD/RCCB Location.....No of poles:.....Current rating:.....Voltage rating:.....
Date of completion of installation.....

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.....
Any comments
<p style="text-align: center;">CERTIFICATION</p> <p>I certify that the installation detailed above has been done in accordance with the existing national standards and thoroughly inspected and ready for power supply connection.</p> <p>Name of licensee :.....</p> <p>Licensee No:</p> <p>Signature</p> <p>Date:.....</p>

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THIRD SCHEDULE
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(Made under rule 19(2))

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ELECTRICAL INSPECTION INTERVALS

TYPE OF INSTALLATION	MAXIMUM PERIOD BETWEEN INSPECTIONS (YEARS)
Residential Premises	5
Industrial Premises	3
Commercial Premises	4
Public Premises	3
All other Premises	2

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FOURTH SCHEDULE

(Made under rule 19(3))

Electrical Installation Inspection Certificate (copy should be left to customer)

Customer's name.....
Location of Installation: Street/Village.....
District.....
Region:.....
Telephone/Mobile phones.....
Insert (√) where appropriate:
Type of premises: Residential <input type="checkbox"/> Commercial: <input type="checkbox"/> Industrial <input type="checkbox"/>
Type of Power Supply: single phase <input type="checkbox"/> three phase <input type="checkbox"/>
Supply Voltage: 230V <input type="checkbox"/> 400V <input type="checkbox"/> 11kV <input type="checkbox"/> 33kV <input type="checkbox"/> others (specify):.....
Estimated age of the Electrical Installation.....(years)
Date of last inspection:
Are there any addition /alterations? Yes, <input type="checkbox"/> No <input type="checkbox"/> If Yes fill the form as in Second Schedule
Records availability (e.g. completion certificates) Yes <input type="checkbox"/> NO <input type="checkbox"/> If Yes attach evidence
General condition of the installation (in terms of electrical safety)
Observations 1..... 2..... 3.....
Date of completion of inspection.....
Declaration I certify that the installation detailed above has been inspected and tested as per existing National Standards and verified to be satisfactory/unsatisfactory/require urgent attention for continued services. Date of next inspection..... (for satisfactory inspection) Name of licensee :..... Licensee No..... Signature :..... Date.....

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*Attach details of discrepancies observed *

Dodoma,
22nd February, 2022

GODFREY H. CHIBULUNJE,
Director General