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RWANDA ORGANIZATION OF LAND SURVEYORS

REQUIREMENTS FOR ESTABLISHING THE LISTS OF ELIGIBLE POST-GRADUATE AND GRADUATE SURVEYORS, TECHNICIAN SURVEYORS AND AIDE-TECHNICIAN SURVEYORS FOR INTERSHIP AND CERTIFICATION

Referring to the Statute establishing Rwanda Organization of Land Surveyors on the date of 13 /12/2019 as amended and endorsed by the General Assembly of 22/12/2023;

Referring to the Endorsement letter N° 2169/16.03/SBO/RLMUA/01 on 28/05/2020 National Land Authority (NLA);

Referring to the international Certificate from FGF signed on 4th December 2019 accepting ROLS as FGF Member;

Rwanda Organization of Land Surveyors (ROLS) publishes the requirements of membership qualification of Rwanda Organization of Land Surveyors (ROLS) as well as requirements for certification for practicing land surveying profession in Rwanda:

I.GENERAL REQUIREMENTS.

1.GENERAL REQUIREMENTS FOR RWANDAN CITIZENS:

1.1. To be eligible for ROLS membership as Technician-Surveyor (A1):

The candidate **MUST** have submitted in due required time an online Application to ROLS with the following documents:

- A signed Application letter addressed to ROLS Chairperson;
- Original payment Slip or Soft copy for application fees of 5,000 Rwf with original signature/ Phone number;
- A copy of ID;
- Notarized copy of Diploma (A1) in Surveying or Geomatics and Transcripts
- Notarized of Equivalent Diploma (A1) in Surveying or Geomatics obtained outside the country of Rwanda;
- To be subject to an internship of 1 year prior to a practicing certification with a technical report with required successful conditions;

1.2. To be eligible for ROLS membership as Full Graduate Surveyor (A0):



The candidate **MUST** have submitted in due required time an online Application to ROLS with the following documents:

- A signed Application letter addressed to ROLS Chairperson;
- Original payment Slip or Soft copy for application fees of 5,000 Rwf with original signature/ Phone number;
- A copy of ID;
- Notarized copy of Degree in Surveying or Geomatics and Transcripts
- Notarized of Equivalent Degree in Surveying or Geomatics obtained outside the country of Rwanda;
- To be subject to an internship of 1 year prior to a practicing certification with a technical report with required successful conditions;

1.3. To be eligible for ROLS membership as Post-Graduate Surveyor (Master's / PHD Level):

The candidate **MUST** have submitted in due required time an online Application to ROLS with the following documents:

- A signed Application letter addressed to ROLS Chairperson;
- Original payment Slip or Soft copy for application fees of 5,000 Rwf with original signature/ Phone number;
- A copy of ID;
- Notarized copy of Master's degree and PhD in Surveying or Geomatics and Transcripts
- Notarized of Equivalent Master's degree and PhD obtained outside the country of Rwanda;
- To be subject to an internship of 1 year prior to a practicing certification with a technical report with required successful conditions;

2.GENERAL REQUIREMENTS FOR FOREIGNERS:

2.1. To be eligible for ROLS membership as a surveyor with Foreigner citizen:

The candidate **MUST** have submitted in due required time an online Application to ROLS with the following documents:

- A signed Application letter addressed to ROLS Chairperson;
- Original payment Slip or Soft copy for application fees equivalent to 20 USD with original signature/ Phone number;
- A copy of ID/Passport;
- Notarized copy of Degree of at least A0, in Surveying or Geomatics and Transcripts;
- Notarized of Equivalent Degree of at least A0 in Surveying or Geomatics obtained outside the country of Rwanda;
- Notarized certification as certified practicing surveyor issued by the professional Institution of Surveyors from her/his country of origin;
- To be a national of a country which entered into a bilateral agreement authorizing Rwandan nationals to practice such profession in that country;
- Certified surveyors from the country with East African citizen will pay the same Application fees as their counterpart colleagues from Rwanda
- Must have a valid working permit issued by Rwanda Directorate General of Immigration and Emigration.

3.GENERAL REQUIREMENTS FOR CORPORATE/COMPANY MEMBER:

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3.1. To be eligible for ROLS membership as a Corporate/Company member:

MUST be engaged in practice that include Surveying, Engineering surveying, Geospatial Information Management, land management services, and other landed professional consultancy services;

- i. The firm should be at least 25% owned by members of Rwanda organization of land Surveyors employed therein who should be heading the relevant departments in line with their professional practice.
- ii. The firm fully owned by a Certified Technician Surveyor(s), should have a certified surveyor as technical director of surveying department to be exempted from the above point 3.1.i. A certified surveyor must have an employment contract and a payroll of 3 months salary

The candidate **MUST** have submitted in a due required time an online Application to ROLS with the following documents:

- a) A signed Application letter addressed to ROLS Chairperson;
- b) RDB Registration Certificate showing Shareholders Shares;
- c) Shareholder Practicing (ROLS' member) License;
- d) Company Profile that includes a full Office Address;
- e) A Valid RSSB Certificate(optional);
- f) A Valid RRA Tax Clearance Certificate;
- g) Application Fees of 20,000 Rwf for companies registered as local companies and equivalent of 20 USD for companies registered as foreign companies;
- h) A notarized copy of at least Bachelor's Degree in Surveying or Geomatics and Transcripts of a surveyor fulfilling the above general and specific requirements;
- i) Notarized of Equivalent Degree in Surveying or Geomatics obtained outside the country of Rwanda;
- j) Notarized certification as certified practicing surveyor issued by the professional Institution of Surveyors from her/his country of origin;

II. SPECIFIC REQUIREMENTS

MINIMUM CORE COURSES FOR REGISTRATION IN THE FOLLOWING CATEGORIES		
2.1. QUALIFICATION REQUIREMENTS FOR CERTIFICATION AS TECHNICIAN SURVEYOR		
1. BASIC SCIENCES		
No	COURSES	CREDITS
1	Mathematic I ,II	10
2	Applied Mathematics	10
3	Applied Physics	10
4	Geodatabase Creation	10



5	Research methodology	5
6	Engineering Ethics and Professional Code of conduct	5
8	Land Information System	10
9	Geometry Optic and Waves	10
10	Computer Engineering	10
11	Material Construction	10
12	Analytical Geometry	10
13	Computer Basics	10
14	Surveying Mathematics	10
TOTAL CREDITS		120

2.CORE COURSES		
	COURSES	CREDITS
1	Technical Drawing	10
3	Introduction to Engineering Surveying	10
5	Introduction to GIS and Remote Sensing	10
6	Topographic and Detailed Surveying	10
7	Principles of Quantity Surveying	10
8	Land Development and Land Law	10
9	Road Setting	10
10	Introduction to Geodesy, Astronomy & GPS	10
11	Industrial Attachment	10
12	Geodetic Surveying	10
13	Basic Topography & Surveying Equipment	10
14	Surveying CAD Software	10
15	Physical Planning	10
17	Cadastral Surveying and Mapping	10
18	Data Collection and Management	10
19	Advanced Diploma Project	10
TOTAL CREDITS		160

N.B: The conditions to be certified as Technician Surveyor with LEVEL A1, is to have a minimum of 80 credits from the above highlighted Basic courses and fulfill a minimum of 140 credits from the above mentioned Core courses

2.2. QUALIFICATION REQUIREMENTS FOR CERTIFICATION AS FULL SURVEYOR WITH BACHELOR DEGREE LEVEL IN SURVEYING OR GEOMATIC'S		
1. BASIC SCIENCES		
No	COURSES	CREDITS
1	Mathematics I, II	20



2	Applied Mathematics	20
3	Physics for Engineers I, II	20
4	Communication Skills	20
5	Research & methodology	10
6	Chemistry for Engineers	10
7	Computer programming	10
8	Engineering Ethics and Professional Code of conduct	5
9	Land Information System	10
10	Analytical Geometry	10
11	ICT	10
12	GIS I, II	20
TOTAL CREDITS		165
2.CORE COURSES		
	COURSES	CREDITS
1	Engineering Surveying	20
2	Techniques of Surveying I and II	20
3	Geodetic Surveying	20
4	GNSS	20
5	Surveying Adjustments and Error Theory	10
6	Hydrographic Surveying	20
7	Land Law	10
8	Engineering drawing & CAD	10
9	Introduction to Engineering surveying	10
10	Photogrammetry	20
11	GIS and Remote sensing	20
12	Cadastral surveying and Land Management	20
13	Land administration information system	10
14	Industrial Attachment Report	20
15	Cartography	20
16	Land Use Planning	10
17	Urban and Regional Planning	10
18	Workshop Technology	10
19	Map Projection	10
20	Infrastructure/Quantity Survey	20
21	Topography Surveying	20
22	Surveying Camp	15
23	Professional Practices	10
24	Final Project (Surveying Thematic)	20
25	Project Dissertation	15
TOTAL CREDITS		390



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N.B: The condition to be certified as full Surveyor at LEVEL A0 is to have a minimum of 140 credits from the above highlighted Basic courses and fulfill a minimum of 240 credits from the above mentioned Core courses

2.3. QUALIFICATION REQUIREMENTS FOR CERTIFICATION AS FULL SURVEYOR AT MASTER'S LEVEL IN LAND SURVEYING OR GEOMATICS		
No	COURSES	CREDITS
1	Geospatial Fundamentals	20
2	Surveying I and II	20
3	GIS Applications	10
4	Applied GNSS and Geodesy	10
5	Advanced Remote Sensing	10
6	Hydrographic Surveying	10
7	GIS Applications and Spatial Analysis	10
8	Cartography	10
9	Engineering drawing	10
10	Geo-informatics Applications	10
11	Photogrammetry	10
12	Engineering surveying	10
13	Applied Geomatics	10
14	Applied Remote Sensing	10
15	Advanced Satellite positioning	10
16	Project Management	10
17	Professional Practices/Industrial Attachment	10
18	Msc Project	20
TOTAL CREDITS		200

N.B: The condition to be certified as full Surveyor at MASTER'S & PhD level is to have a minimum of 60 credits from the above highlighted courses with a background of A0 in surveying/Geomatics OR fulfill a minimum of 100 credits from the above mentioned courses without a background of A0 in Land surveying/Geomatics

III. ADDITIONAL SPECIFIC CONDITIONS.

- To renew the period of certification for certified surveyors, Technician surveyors and Interns:
 - The validity period of certification is for one year and renewable for all the above three (3) categories of surveyors;
 - The new certificate and Membership card will be delivered to local certified surveyor and Technician surveyors only upon presentation of the original payment receipt of membership equal to **75,000 Frw/Year** for certified Graduate surveyors and **50,000 Frw/Year** for certified Technician surveyors;
 - The new certificate and Membership card will be delivered to foreign certified surveyor only upon presentation of original payment receipt of membership equivalent to **150 USD/Year**;



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- Intern Surveyors will get membership card after presentation of original payment proof of membership fees equal to **10,000 Frw/Year**;
 - After being admitted as a corporate/company, the company/corporate is required to pay an annual membership fee amounting to **200,000 Rwf/Year** if it is registered as a **Local Company** and equivalent to **500 USD/Year** if it is registered as a **Foreign Company**;
 - Those who still have arrears to pay should honor first their previous arrears for membership fees and the membership fees for current year before they get their certificates, stamps, membership cards issued to them;
2. **To upgrade a Technician Surveyors A1 subject to be certified as surveyors (A0):**
- The certified Technician Surveyor A1 will be certified as surveyor having A0 after fulfilling a year of working experience with the A0 degree in surveying or Geomatics and at least one year as intern in ROLS. She/he must pay **10,000 Rwf** for application fee of upgrading category and submit the technical report with the required successful conditions to be fixed and approved by ROLS Governing Council.
3. **Other Conditions of Application:**
- Application is made via the link provided by ROLS
 - Every member who has been admitted to the Intern category must present to the ROLS a certified Surveyor mentoring him/her;

Done at Kigali, ²⁶ August / 2025



Eng. GASIRABO Athanase
Chairperson of Rwanda Organization of Land Surveyor