



# LIST OF RECOGNISED QUALIFICATIONS



Geomatic and Land Surveying Division

**ROYAL INSTITUTION OF SURVEYORS MALAYSIA**

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As at: November 2012

## **GEOMATIC & LAND SURVEYING DIVISION**

The Division has the following classes of membership. The recognized qualification to enable the applicant to enter into the appropriate class is as stated -

### **1.0 Student**

- 1.1 Malaysian Certificate of Education (MCE) / Sijil Pelajaran Malaysia (SPM) (O Level) or equivalent – minimum 3 credits which include Mathematics, Bahasa Malaysia and English (*Effective from 23<sup>rd</sup> September 2010*) \*^; or

(Note: Revised minimum credits as approved as the 3<sup>rd</sup> Council Meeting, for Session 2010/2011)

- 1.2 Higher School Certificate (HSC) / Sijil Tinggi Pelajaran Malaysia (STPM)/ Association Examination Board (AEB) (A Level) – principal level passes from any 2 of the following subjects; Mathematics, Economics, Physics, Chemistry, Geography or Bahasa Malaysia^; or

1.3 Malaysian Government Polytechnics

1.3.1 Sijil Ukur Tanah

1.3.2 Diploma in Ukur Tanah

1.4 Universiti Teknologi Malaysia

1.4.1 Diploma in Land Surveying

1.5 Universiti Teknologi MARA

1.5.1 Diploma in Geomatics Science

1.5.2 Diploma in Geomatics Science (Geographical Information System)

1.5.3 Diploma in Geomatics Science (Natural Resource)

### **2.0 Probationer**

- 2.1 Passed the Intermediate Examination set by ISM; or
- 2.2 Degrees in geomatic related disciplines from other universities which are not listed under item 3.0 below; or
- 2.3 Obtained either item 1.1, 1.2 or 1.5 above, over 28 years old with 10 years relevant working experience.

### 3.0 Graduate

- 3.1 Passed the Final or Direct Final Examination set by ISM; or
- 3.2 Obtained the following qualifications from **Australia** –
  - 3.2.1 Curtin University of Technology, Perth, Western Australia (formerly Western Australia Institute of technology)
    - 3.2.1.1 Bachelor of Surveying
  - 3.2.2 University of Melbourne
    - 3.2.2.1 Bachelor of Surveying / Geomatic (Cadastral)
    - 3.2.2.2 Bachelor of Geomatics
    - 3.2.2.3 Bachelor of Geomatics / B. Sc (Computer Science)
    - 3.2.2.4 Bachelor of Geomatics / B. Sc of Environmental Science
  - 3.2.3 University of Queensland
    - 3.2.3.1 Bachelor of Surveying
  - 3.2.4 Queensland University of Technology (formerly Queensland Institute of Technology)
    - 3.2.4.1 Bachelor of Applied Science (Surveying)
  - 3.2.5 RMIT University (formerly Royal Melbourne Institute of Technology)
    - 3.2.5.1 Bachelor of Applied Science (Land Surveying)
    - 3.2.5.2 Bachelor of Land Information (as recognized from 1<sup>st</sup> January 1992)
  - 3.2.6 University of South Australia (formerly South Australia Institute of Technology)
    - 3.2.6.1 Bachelor of Surveying / Bachelor of Geoinformatics & Surveying
  - 3.2.7 University of Tasmania
    - 3.2.7.1 Bachelor of Surveying / Bachelor of Geomatics
- 3.3 Obtained the following qualifications from **Canada** –
  - 3.3.1 University of Calgary
    - 3.3.1.1 B. Sc in Geomatics Engineering
  - 3.3.2 University of New Brunswick
    - 3.3.2.1 B. Sc in Engineering (Geomatics Engineering)

- 3.4 Obtained the following qualifications from **Malaysia** universities –
  - 3.4.1 Universiti Teknologi Malaysia
    - 3.4.1.1 Sarjana Muda Ukur (Tanah)
    - 3.4.1.2 Sarjana Muda Kejuruteraan (Geomatik)
    - 3.4.1.3 Sarjana Muda Sains (Pembangunan & Pentabiran Tanah)
    - 3.4.1.4 Sarjana Muda Sains (Geoinformatik)
    - 3.4.1.5 Sarjana Muda Sains (Remote Sensing)
  - 3.4.2 Universiti Teknologi MARA
    - 3.4.2.1 Sarjana Muda (Kepujian) Ukur Tanah
    - 3.4.2.2 Sarjana Muda Sains Ukur dan Geomatik (Kepujian)
- 3.5 Obtained the following qualifications from **New Zealand** –
  - 3.5.1 University of Otago
    - 3.5.1.1 Bachelor of Surveying (as recognized from 30<sup>th</sup> September 1990)
- 3.6 Obtained the following qualifications from **United Kingdom** –
  - 3.6.1 University of East London, England (formerly North East London Polytechnic)
    - 3.6.1.1 B. Sc (Hons) Surveying and Mapping Sciences
  - 3.6.2 University of Glasgow, Scotland
    - 3.6.2.1 B. Sc (Senior Hons) in Topographic Science
  - 3.6.3 University of Newcastle-Upon-Tyne, England
    - 3.6.3.1 B. Sc (Hons) Surveying Science

#### **4.0 Member**

- 4.1 Obtained qualification as in 3.1, 3.2, 3.3, 3.4, 3.5 & 3.6 and must have two years relevant working experience in Surveying.
- 4.2 Obtained relevant degree in land surveying with not less than 2 years working experience.
- 4.3 A Member or Fellow of the Royal Institution of Chartered Surveyors, U.K. with ISM recognized qualifications. Potential applicants must meet the following requirements:

- 4.3.1 More than 10 years of relevant working experience after election as Corporate Members of RICS;
- 4.3.2 Has qualification which is recognized by ISM; and
- 4.3.3 Attend a special interview with the Council or GLS Division Committee Members

(Note : As approved by the Council during Session 2006/2007)

IN SUMMARY

Item	Qualifications	Eligible Class of Membership
1	Malaysian Certificate of Education (MCE) / Sijil Pelajaran Malaysia (SPM) (O Level) or equivalent – minimum 5 credits which include Mathematics and Bahasa Malaysia or English *	Student
2	Higher School Certificate (HSC)/ Sijil Tinggi Pelajaran Malaysia (STPM) / Association Examination Board (AEB) (A Level) – principal level passes from any 2 of the following subjects; Mathematics, Economics, Physics, Chemistry, Geography or Bahasa Malaysia	Student
3	Diploma in Ukur Tanah from Polytechnics	Student
4	Sijil Ukur Tanah from Polytechnics	Student
5	Diploma in Land Surveying from Universiti Teknologi Malaysia	Student
6	Diploma in Geomatics Science from Universiti Teknologi MARA	Student
7	Diploma in Geomatics Science (Geographical Information System) from Universiti Teknologi MARA	Student
8	Diploma in Geomatics Science (Natural Resource) from Universiti Teknologi MARA	Student
9	Passed the Intermediate Examination set by ISM	Probationer
10	Degrees in geomatic related disciplines from other universities which are not listed under item 3.0	Probationer
11	Either item 1.1, 1.2 or 1.5 above, over 28 years old with 10 years relevant working experience	Probationer
12	Passed the Final or Direct Final Examinations set by ISM	Graduate
13	Bachelor of Surveying from Curtin University of Technology	Graduate
14	Bachelor of Surveying from University of Queensland	Graduate
15	Bachelor of Surveying / Geomatic (Cadastral) from University of Melbourne	Graduate
16	Bachelor of Geomatics from University of Melbourne	Graduate
17	Bachelor of Geomatics / B. Sc (Computer Science) from University of Melbourne	Graduate
18	Bachelor of Geomatics / B. Sc of Environmental Science) from University of Melbourne	Graduate
19	Bachelor of Surveying from University of Queensland	Graduate

<b>Item</b>	<b>Qualifications</b>	<b>Eligible Class of Membership</b>
20	Bachelor of Applied Science (Surveying) from Queensland University of Technology	Graduate
21	Bachelor of Applied Science (Land Surveying) from RMIT University (formerly Royal Melbourne Institute of Technology)	Graduate
22	Bachelor of Land Information (as recognized from 1 <sup>st</sup> January 1992) from RMIT University (formerly Royal Melbourne Institute of Technology)	Graduate
23	Bachelor of Surveying / Bachelor of Geoinformatics & Surveying from University of South Australia (formerly South Australia Institute of Technology)	Graduate
24	Bachelor of Surveying / Bachelor of Geomatics from University of Tasmania	Graduate
25	B. Sc in Geomatics Engineering from University of Calgary, Canada	Graduate
26	B. Sc in Engineering (Geomatics Engineering) from University of New Brunswick, Canada	Graduate
27	Sarjana Muda Ukur (Tanah) from Universiti Teknologi Malaysia	Graduate
28	Sarjana Muda Kejuruteraan (Geomatik) from Universiti Teknologi Malaysia	Graduate
29	Sarjana Muda (Kepujian) Ukur Tanah from Universiti Teknologi MARA	Graduate
30	Sarjana Muda Sains Ukur dan Geomatik (Kepujian) from Universiti Teknologi MARA	Graduate
31	Sarjana Muda Sains (Pembangunan & Pentabiran Tanah) from Universiti Teknologi Malaysia	Graduate
32	Sarjana Muda Sains (Geoinformatik) from Universiti Teknologi Malaysia	Graduate
33	Sarjana Muda Sains (Remote Sensing) from Universiti Teknologi Malaysia	Graduate
34	Bachelor of Surveying from University of Otago (as recognized from 30 <sup>th</sup> September 1990)	Graduate
35	B. Sc (Hons) Surveying and Mapping Sciences (Honours) from –University of East London, England	Graduate
36	B. Sc (Senior Hons) in Topographic Science from University of Glasgow, Scotland	Graduate
37	B. Sc (Hons) Surveying Science from University of Newcastle-Upon-Tyne, England	Graduate

<b>Item</b>	<b>Qualifications</b>	<b>Eligible Class of Membership</b>
38	Obtained qualification as in 3.1, 3.2, 3.3, 3.4, 3.5 & 3.6 and must have two years relevant working experience in Surveying.	Member
39	Relevant degree in land surveying discipline with not less than 2 years working experience	Member