

1. Myanmar Engineer Registration Rules Provision (Dr Kyaw Naing)

(1.a) The qualifications equivalent to accredited qualifications and the experiences which are to be accepted for the holders to grant RE (Independent Practice) & RSE/PE (For Myanmar Citizen with engineering experience in Myanmar)

- BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government **before Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar**
- The qualifications which are recognized in Myanmar in accordance with ASEAN Mutual Recognition agreement
- The qualifications awarded in the countries where the qualifications authorities have signed the mutual recognition agreement with Myanmar Engineering Council.
- BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government and either those qualifications have been accredited or have not been accredited by Myanmar Engineering Council **after Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar** and the holders have worked as Government Employees in Government Engineering Works including the armed forces of Myanmar.
 - The holders of above qualifications are to be granted RE (Independent Practice) on application and continuation of registration is subject to relevant rules and regulations of Myanmar Engineering Council
 - The holders of RE (Independent Practice) must not do the engineering works which are prohibited by Clause 37 of Myanmar Engineering Council Law & Regulation 102 to 104 of Myanmar Engineering Council Regulations
 - The holders of above qualifications can apply for Registered Senior Engineer and Professional Engineer by following the path way prescribed for the holders of accredited qualifications after having worked for minimum of 4 years under the supervision of PE/RSE or having worked for six years not under the supervision of PE/RSE
- The holders of the engineering qualifications awarded in Myanmar **after Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar** and the other qualifications are to be assessed in accordance with Myanmar Engineering Council Law & relevant regulations by referring the flow diagram.

(1.b) The qualifications equivalent to accredited qualifications and the experiences which are to be accepted for Engineering Academic working in TUs and GTCs of Myanmar to grant RE (Independent Practice) & RSE & PE

- BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government **before Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar**
- The qualifications which are recognized in Myanmar in accordance with ASEAN Mutual Recognition agreement
- The qualifications awarded in the countries where the qualifications authorities have signed the mutual recognition agreement with Myanmar Engineering Council.
- BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government and either those qualifications have been accredited or have not been accredited by Myanmar Engineering Council **after Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar** and the holders have worked as Government Employees in Government Technological Universities/ Government Technical Colleges and other Government training institutions
 - The holders of above qualifications are to be granted RE (Independent Practice) on application and continuation of registration is subject to relevant rules and regulations of Myanmar Engineering Council
 - The holders of RE (Independent Practice) must not do the engineering works which are prohibited by Clause 37 of Myanmar Engineering Council Law & Regulation 102 to 104 of Myanmar Engineering Council Regulations
 - After having co-operated with Myanmar Engineering Council in the aspect of teaching and assessing the students in Graduate Engineer/ Engineering Technologist capstone assessment 1 and 2 for the period as specified by Myanmar Engineering Council, the engineering academics of TUs/GTCs can apply for Registered Senior Engineer and Professional Engineer by following the path way which can be
 - Intensive Portfolio Presentation + Interview OR
 - Well established professional outcome + Interview OR
 - Specialist area thesis + interview
 - RSE & PE Licences are to be endorsed with Engineering Academic
 - The endorsement to practically perform the specific type of engineering task will depend on further presentation of the evidences of competencies to perform that work.

2.Foreign qualifications assessment guideline for Myanmar citizens

(2a)Myanmar citizens with foreign engineering experiences

(2a-1)Myanmar citizens with foreign engineering experiences who possess BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government **before Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar.**They can be granted RE (Independent Practice) on application.

❖ They must not do the engineering works which are prohibited by Clause 37 of Myanmar Engineering Council Law & Regulation 102 to 104 of Myanmar Engineering Council Regulation.

- To apply for RSE and PE, unless they have worked in engineering works in Myanmar for at least six years, their foreign experiences are to be accepted for applying for RSE and PE under the pathway prescribed for the holders of accredited qualifications subject to meeting of the following requirements.
 - Payments of income taxes to Government of Myanmar & evidences of the payment of taxes.
 - The foreign experiences must be gained in engineering works.

(2a-2) Myanmar citizens with foreign engineering experiences who possess the engineering qualifications awarded in Myanmar **after Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar** or the holders of overseas engineering qualifications or the engineers who did not pay income taxes to Government of Myanmar are to be assessed in accordance with Myanmar Engineering Council Law & relevant regulations to apply for RE/RSE and PE under the route prescribed for Non accredited qualifications by referring the flow diagram and the provisions in 2b and 2c.

(2b) Myanmar citizen with academic and or ASEAN Mutual Recognition Qualifications & The Professional Qualifications obtained from the countries which engineering standards and reference materials are widely used international engineering techniques

Myanmar citizens with ASEAN Mutual Recognition Qualifications at Engineering Technologist or Professional Engineer level can apply for

- Trainee Engineer/ Trainee Engineering Technologists / RE (Supervised Practice)/RE (with independent practice), RSE /PE depending on their qualifications and experiences in accordance with Myanmar Engineering Registration Rules.

(2b1)ASEAN Engineer/ ASEAN Engineering Technologist

Those with ASEAN Engineer is to be registered as RSE and progress to PE is subject to completion of the requirements to progress from RSE to PE

Those with ASEAN Engineering Technologist- needs to present Engineering Report & undergo the interview to be granted RSE and the progress to PE is subject to completion of the requirements to progress from RSE to PE

(2b 2)Type of Qualifications other than ASEAN Engineer & ASEAN Engineering Technologist

The Engineering Institutions listed in AFEO.(ASEAN Federation of Engineering Organizations)

The holders of Academic and/ or Professional Recognition by the following AFEO Member Organizations

- [Pertubuhan Ukur Jurutera & Arkitek \(PUJA\)-Brunei](#)
- [Board of Engineers Cambodia \(BEC\)](#)
- [Persatuan Insinyur Indonesia \(PII\)](#)
- [Lao Union of Science and Engineering Associations \(LUSEA\)](#)
- [The Institution of Engineers Malaysia \(IEM\)](#)
- [Myanmar Engineering Society \(MES\)](#)
- [The Philippine Technological Council \(PTC\)](#)
- [The Institution of Engineers Singapore \(IES\)](#)
- [The Engineering Institute of Thailand \(ETT\)](#)
- [Vietnam Union of Science and Technology Associations \(VUSTA\)](#)

Singapore

Both The Institution of Engineers-Singapore (IES) & Singapore Institute of Engineering Technologists (SIET) can nominate ASEAN Engineer/ ASEAN Engineering Technologists/ Associate ASEAN Engineer & Associate ASEAN Engineering Technologists

Assessment Methods

Two years Engineering diploma awarded by the institutions accredited by the engineering organizations which are authorized to nominate the membership of AFEO and/or Professional Membership of those at Engineering Technician Level is assessed as comparable to academic aspect of AGTI. To be eligible for recognize as equivalent AGTI, they need to Pass the graduate capstone test 1 and 2. Their application for engineer registration in Myanmar is in accordance with the flow diagram

Three years Engineering diploma awarded by the institutions accredited by the engineering organizations which are authorized to nominate the membership of AFEO

and/or Professional Membership of those at Engineering Technologist Level is assessed as comparable to academic aspect of BTech. To be eligible for recognize as equivalent BTech they need to Pass the graduate capstone test 1 and 2. Their application for engineer registration in Myanmar is in accordance with the flow diagram.

Four years Engineering Bachelors degree or Four years Professional diploma in engineering awarded by the institutions accredited by the engineering organizations which are authorized to nominate the membership of AFEO and/or Professional Membership of those at Engineering Technologist or Engineer Level is assessed as comparable to academic aspect of BE. To be eligible for recognize as equivalent BE, they need to Pass the graduate capstone test 1 and 2. Their application for engineer registration in Myanmar is in accordance with the flow diagram

(2c) Myanmar citizens with Academic and /or Professional Qualifications obtained from the countries which engineering standards and reference materials are widely used international engineering techniques

Myanmar citizens with Academic and /or Professional Qualifications at Engineering Technologist or Professional Engineer level obtained from the countries which engineering standards and reference materials are widely used international engineering techniques can apply for

- Trainee Engineer/ Trainee Engineering Technologists / RE (Supervised Practice)/RE (with independent practice), RSE /PE depending on their qualifications and experiences in accordance with Myanmar Engineering Registration Rules.

(2c-1)Types of Qualifications

- Academic Qualifications of Washington Accord / Sydney Accord / Dublin Accord Countries
- Engineering Technician / Engineering Technologist/Professional Engineer Registration with National Level or State level Engineers Registration Boards or National Engineering Institutions

Procedures

(2c1a)Those with only academic qualifications

- Two Years Diploma at Engineering Technician level under Dublin Accord is to be admitted as Graduate Engineering Technician with AGTI level and the registration route toward RE/RSE/PE is the same as the holders of Myanmar AGTI under accredited qualifications subject to successful completion of Graduate Capstone Test Part 2.
- Three or four years Engineering Technologist degree under Sydney accord is to be admitted as Graduate Engineering Technologists with B Tech level the registration route toward RE/RSE/PE is the same as holders of Myanmar B Tech under accredited qualifications subject to successful completion of Graduate Capstone Test Part 2.

- Four to five years Professional Engineer degree under Washington accord is Graduate Engineer with B E level the registration route toward RE/RSE/PE is the same as holders of Myanmar B Tech under accredited qualifications subject to successful completion of Graduate Capstone Test Part 2.

(2c1b) Those with Professional Engineer Registration

- Professional Engineer Registration with National Level or State level need to submit the Engineering Report mainly focus on how their qualifications and experiences will be utilized in development of Myanmar engineering and need to sit the interview to be admitted as RSE with specific endorsement. Progression to PE status has to follow Myanmar RSE to PE Progression route.
- Membership of Engineering Institutions of Sydney or Washington Accord Countries at Professional Engineer Level who are not Registered Professional Engineer need to follow the route prescribed for Special application case in the flow diagram.

(2c1c) Those with Engineering Technologist Registration

- Engineering Technologist Registration with National Level or State level need to submit the Engineering Report mainly focus on how their qualifications and experiences will be utilized in development of Myanmar engineering and need to sit the interview to be admitted as RSE with specific endorsement. Progression to PE status has to follow Myanmar RSE to PE Progression route.
- Engineering Technologist Registration with National Level or State level need to undergo the assessment procedure by following the route prescribed for Special application case in the flow diagram.
- Membership of Engineering Institutions of Sydney or Washington Accord Countries at Engineering Technologist Level who are not Registered Engineering Technologists need to follow the route prescribed for Special application case in the flow diagram.

3. Foreign qualifications assessment guideline for foreigners (Overseas engineers of Myanmar origins)

(3a) Integration of Overseas engineers of Myanmar origins who are citizens of foreign countries and whom have not been granted Permanent Resident in Myanmar to contribute in engineering development works in Myanmar

- Overseas engineers of Myanmar origins who are citizens of foreign countries and whom have not been granted Permanent Resident in Myanmar can contribute their voluntary service for engineering development of Myanmar under the supervision of RSE and PE & they need to acquire the relevant Employment visa in accordance with Myanmar Immigration Laws but to work as paid employees, they must apply for Limited Foreign RE or Limited

Foreign RSE or Limited Foreign PE & practise in accordance with Myanmar Engineering Council Law.

- Overseas engineers of Myanmar origins who are citizens of foreign countries and whom have been granted Permanent Resident in Myanmar can work as paid employees in Myanmar engineering works and can apply for RE (Independent Practice) or RSE or PE in accordance with the following rules
 - Overseas engineers of Myanmar origins who are citizens of foreign countries who possess BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government **before Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar** can be granted RE (Independent Practice) on application. They must not do the engineering works which are prohibited by Clause 37 of Myanmar Engineering Council Law & Regulation 102 to 104 of Myanmar Engineering Council Regulations
 - Unless they have worked in engineering works in Myanmar for at least six years, Overseas engineers of Myanmar origins who are the citizens of foreign countries and whom have been granted Permanent Resident in Myanmar and who possess BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government **before Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar**, their foreign experiences are to be accepted for applying for RSE and PE under the pathway prescribed for the holders of accredited qualifications, They need to fulfil the following requirements.
 - Payments of income taxes to Government of Myanmar & evidences of the payment of taxes before they became foreign citizens.
 - The foreign experiences must be gained in engineering works.
 - The holders of the engineering qualifications awarded in Myanmar **after Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar** or the holders of overseas engineering qualifications are to be assessed in accordance with Myanmar Engineering Council Law & relevant regulations to apply for RE/RSE and PE under the route prescribed for Non accredited qualifications.
- Overseas engineers of Myanmar origins who are citizens of foreign countries ,whom have been granted Permanent Resident in Myanmar and who possess BE/BTech/AGTI issued by Technological Universities, Institutes of Technology, Government Technical Institutes, Government Technical

Colleges and the engineering degrees and diplomas awarded by private institutions which are legally registered in Myanmar in accordance with relevant rules and regulations of Myanmar Government **before Myanmar Engineering Council Laws and Engineering Regulations are passed in Myanmar** and did not pay income taxes to Government of Myanmar are to be assessed in accordance with Myanmar Engineering Council Law & relevant regulations to apply for RSE and PE under the route prescribed for Non accredited qualifications.

(3b) Overseas engineers of Myanmar origins who are citizens of foreign countries with the status of ASEAN Engineering Technologist or ASEAN Engineer & The Professional Qualifications obtained from the countries which engineering standards and reference materials are widely used international engineering techniques

(3b1) ASEAN Engineer

Overseas engineers of Myanmar origins who are citizens of foreign countries with with ASEAN Engineer status can apply for

- Limited PE if they have not been granted Permanent Residency in Myanmar or if they have been granted Permanent Residency in Myanmar but have not met the eligibility criteria to apply for Myanmar citizenship
- PE if they have been granted Permanent Residency in Myanmar and have met the eligibility criteria to apply for Myanmar citizenship & presenting the evidence of having applied for Myanmar citizenship

(3b2) ASEAN Engineering Technologist

Those with ASEAN Engineering Technologist- needs to present Engineering Report & undergo the interview to be granted Limited RSE and the progress to Limited PE is subject to completion of the requirements to progress from RSE to PE

Overseas engineers of Myanmar origins who are citizens of foreign countries with with ASEAN Engineering Technologist status can apply for

- Limited RE/RSE if they have not been granted Permanent Residency in Myanmar or if they have been granted Permanent Residency in Myanmar but have not met the eligibility criteria to apply for Myanmar citizenship
- RE (with independent practice), RSE if they have been granted Permanent Residency in Myanmar and have met the eligibility criteria to apply for Myanmar citizenship & presenting the evidence of having applied for Myanmar citizenship.

(3b3) Type of Qualifications other than ASEAN Engineer & ASEAN Engineering Technologist

Those without ASEAN Engineer or ASEAN Engineering Status will need to undergo the process including checking the institution from where they obtained the qualifications

The Engineering Institutions listed in AFEO.(ASEAN Federation of Engineering Organizations)

The holders of Academic and/ or Professional Recognition by the following AFEO Member Organizations

- [Pertubuhan Ukur Jurutera & Arkitek \(PUJA\)-Brunei](#)
- [Board of Engineers Cambodia \(BEC\)](#)
- [Persatuan Insinyur Indonesia \(PII\)](#)
- [Lao Union of Science and Engineering Associations \(LUSEA\)](#)
- [The Institution of Engineers Malaysia \(IEM\)](#)
- [Myanmar Engineering Society \(MES\)](#)
- [The Philippine Technological Council \(PTC\)](#)
- [The Institution of Engineers Singapore \(IES\)](#)
- [The Engineering Institute of Thailand \(ETT\)](#)
- [Vietnam Union of Science and Technology Associations \(VUSTA\)](#)

Singapore

Both The Institution of Engineers-Singapore (IES) & Singapore Institute of Engineering Technologists (SIET) can nominate ASEAN Engineer/ ASEAN Engineering Technologists/ Associate ASEAN Engineer & Associate ASEAN Engineering Technologists

Assessment Methods

- Two years Engineering diploma awarded by the institutions accredited by the engineering organizations which are authorized to nominate the membership of AFEO and/or Professional Membership of those at Engineering Technician Level is assessed as comparable to academic aspect of AGTI. To be eligible for recognize as equivalent AGTI, they need to Pass the graduate capstone test 1 and 2. Their application for engineer registration in Myanmar is in accordance with the flow diagram
- Three years Engineering diploma awarded by the institutions accredited by the engineering organizations which are authorized to nominate the membership of AFEO and/or Professional Membership of those at Engineering Technologist Level is assessed as comparable to academic aspect of BTech. To be eligible for recognize as equivalent BTech they need to Pass the graduate capstone test 1 and 2. Their application for engineer registration in Myanmar is in accordance with the flow diagram.
- Four years Engineering Bachelors degree or Four years Professional diploma in engineering awarded by the institutions accredited by the engineering organizations which are authorized to nominate the membership of AFEO and/or Professional Membership of those at Engineering Technologist or Engineer Level is assessed as comparable to academic aspect of BE. To be eligible for recognize as equivalent BE, they need to Pass the graduate

capstone test 1 and 2. Their application for engineer registration in Myanmar is in accordance with the flow diagram

(3c) Overseas engineers of Myanmar origins who are citizens of foreign countries with the following Professional Engineer or Engineering Technologist Qualifications obtained from the countries which engineering standards and reference materials are widely used international engineering techniques at Engineering Technologist

(3c1) Assessment of full Professional Engineer qualifications

Overseas engineers of Myanmar origins who are citizens of foreign countries with the following Professional Engineer Qualifications obtained from the countries which engineering standards and reference materials are widely used as international engineering techniques at Engineering Technologist level can apply for Professional Engineer as follows:

(a) They must possess the followings

Types of qualifications

- Professional Engineer Qualifications covered in Washington Accord & evidence of Professional Engineer Registration at the national level or by the States Boards of Professional Engineers of the countries which are signatories of the Washington Accord
- OR
- Although Professional Engineer Qualifications are obtained from the countries which are not the signatories of the Washington Accord , evidence of Professional Engineer Registration at the national level or by the States Boards of Professional Engineers of the countries which are signatories of the Washington Accord can also be accepted.

(b) They need to sit the interview

Subject to completion of interview, Those with Full Professional Engineer is to be registered as follows:-

- Limited PE if they have not been granted Permanent Residency in Myanmar or if they have been granted Permanent Residency in Myanmar but have not met the eligibility criteria to apply for Myanmar citizenship
- PE if they have been granted Permanent Residency in Myanmar and have met the eligibility criteria to apply for Myanmar citizenship & presenting the evidence of having applied for Myanmar citizenship.
- As Myanmar is official language of Myanmar, the engineer must show the proficiency in Myanmar language. If they are fluent in language proficiency of Myanmar ethnic groups and will only work in the region where the language of Myanmar ethnic groups is commonly used, their proficiency in the language of Myanmar ethnic groups can also be taken into account.

(3c2) Assessment of full Membership of Professional engineering institution without Professional Engineer Status

They need to follow the special application to be granted as Limited RSE. On successful completion of RSE Assessment, the outcomes are as follows:

- Limited RE or Limited RSE if they have not been granted Permanent Residency in Myanmar or if they have been granted Permanent Residency in Myanmar but have not met the eligibility criteria to apply for Myanmar citizenship
- Limited RE or Limited RSE if they have been granted Permanent Residency in Myanmar and have met the eligibility criteria to apply for Myanmar citizenship & presenting the evidence of having applied for Myanmar citizenship.
- As Myanmar is official language of Myanmar, the engineer must show the proficiency in Myanmar language. If they are fluent in language proficiency of Myanmar ethnic groups and will only work in the region where the language of Myanmar ethnic groups is commonly used, their proficiency in the language of Myanmar ethnic groups can also be taken into account.

(3c3) Assessment of Engineering Technologist Qualifications

They need to follow the Special Application Route in the flow diagram to be granted Limited RSE. To be eligible to follow such route, the followings are required:-

(a) Types of qualifications need to be possessed

- Engineering Technologist Qualifications covered in Sydney Accord & evidence of Engineering Technologist or Technician Engineer or Incorporated Engineer Registration
OR
- Although Engineering Technologist Qualifications are obtained from the countries which are not the signatories of the Sydney Accord , evidence of Engineering Technologist or Technician Engineer or Incorporated Engineer Registration in the countries which are signatories of Sydney Accord can also be accepted.

(b) They need to follow the Special Application Route in the flow diagram

On successful completion of RSE Assessment, the outcomes are as follows:-

- Limited RE/Limited RSE if they have not been granted Permanent Residency in Myanmar or if they have been granted Permanent Residency in Myanmar but have not met the eligibility criteria to apply for Myanmar citizenship
- RE (with independent practice), RSE if they have been granted Permanent Residency in Myanmar and have met the eligibility criteria to apply for

Myanmar citizenship & presenting the evidence of having applied for Myanmar citizenship.

- As Myanmar is official language of Myanmar, the engineer must show the proficiency in Myanmar language. If they are fluent in language proficiency of Myanmar ethnic groups and will only work in the region where the language of Myanmar ethnic groups is commonly used, their proficiency in the language of Myanmar ethnic groups can also be taken into account.

(3d) Overseas engineers of Myanmar origins who are citizens of foreign countries with The Professional Qualifications obtained from the countries which are not ASEAN Mutual Recognition Agreement or not the signatories of Washington Accord/ Sydney Accord & Dublin Accord

- The procedures described in (5) must be followed

4. Foreign qualifications assessment guideline for foreigners (Overseas engineers of non Myanmar origins)

Overseas engineers of Non Myanmar origins who are citizens of foreign countries with The Professional Qualifications obtained from the countries which engineering standards and reference materials are widely used international engineering techniques

- They are to be assessed individually depending on
 1. Their qualifications, experiences and skills and the requirements of the projects in Myanmar
 2. Their understanding of Myanmar cultural values
 3. Their commitment to contribute their skills in development of Myanmar engineers (2 & 3) can be demonstrated in essay & at interview conducted in English.
 4. Their basic knowledge of Myanmar language.
 5. Their workplace communication & co-operation capability
 6. Mutual Recognition Agreement between the qualifications authorities of their countries & Myanmar Engineering Society & Myanmar Engineering Council
 7. If specific Myanmar standards are used, their capability to match their engineering knowledge/ skills and usage of their standards to smooth interfacing with relevant Myanmar engineering standards

Procedures

- ❖ Depending on assessment, the recommendation for direct admission as Limited RE/Limited RSE/Limited PE
OR
- ❖ Engineering Fundamental and/ or Engineering Practice Test and then assessment of CPD/PDP/ Engineering Report / Interview
OR
- ❖ Appropriate exemptions in assessment procedures at the discretion of Engineering Accreditation of Myanmar Engineering Council

(5) Overseas engineers of Myanmar and Non Myanmar origins who are citizens of foreign countries with The Professional Qualifications obtained from the countries which are not ASEAN Mutual Recognition Agreement or not the signatories of Washington Accord/ Sydney Accord & Dublin Accord

- ❖ For Overseas engineers of Myanmar origins and Non Myanmar origins who are citizens of foreign countries, and who possess Professional Qualifications obtained from the countries which are not covered by ASEAN Mutual Recognition Agreement or not the signatories of Washington Accord/ Sydney Accord & Dublin Accord can be assessed in same as to the procedures for those with the Professional Qualifications obtained from the countries which engineering standards and reference materials are the ones which are widely used international engineering techniques, subject to fulfilling the following requirements:-
- ❖ Before the considering the application for Engineers Registration in Myanmar , to assess the overseas qualifications, the following steps are to be applied.
- ❖ **(1) Checking the authenticity of the qualifications—It involves the checking of Original or Certified copies of certificates**
- ❖ **(2) Checking the legitimacy of the overseas institution where you got your qualifications, it may involve the following steps**
- ❖ ☑ online checking of the institutes through internet websites . The institution must have approval by Government or Professional Association which was founded in accordance relevant incorporation laws of the state.
- ❖ ☑ The institution is included in the list of the professional associations which are governed by the following international mutual recognition accords
- ❖ (1) Washington Accord for Professional Engineers
- ❖ (2) Sydney Accord for Engineering Technologists
- ❖ (3) Dublin Accord for Engineering associates
- ❖ **ASIA PACIFIC ENGINEER**
<http://www.ieagreements.org>
- ❖ **SOUTH PACIFIC ENGINEER**
<http://www.spenqineer.org>
- ❖ **ENGINEERING COUNCIL OF UNITED KINGDOM**
<http://www.engc.org.uk>
- ❖ **SOCIETY OF PROFESSIONAL ENGINEERS (UK)**
- ❖ Professional Engineer-PEng (UK) Registration
<http://www.professionalengineers-uk.org>
- ❖ **Engineering Council of South Africa**
<https://www.ecsa.co.za>

❖ European Federation of National Engineering Associations (FEANI)

<http://www.feani.org>

❖ Canada

Professional Engineer & Engineering Technologists/ Technicians Registration in Canada

Professional Engineer- The Institution of Engineers Canada

<http://www.engineerscanada.ca>

❖ Engineering Council of India

<http://www.ecindia.org/>

❖ Pakistan Engineering Council

www.pec.org.pk

❖ EMF International Register of Professional Engineers in Hong Kong, China

<http://www.hkie.org.hk/>

❖ Professional Engineer Registration in Japan

<https://www.engineer.or.jp/sub09/>

The Engineering Institutions listed in AFEO.(ASEAN Federation of Engineering Organizations)

The holders of Academic and/ or Professional Recognition by the following AFEO Member Organizations

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- [Board of Engineers Cambodia \(BEC\)](#)
- [Persatuan Insinyur Indonesia \(PII\)](#)
- [Lao Union of Science and Engineering Associations \(LUSEA\)](#)
- [The Institution of Engineers Malaysia \(IEM\)](#)
- [Myanmar Engineering Society \(MES\)](#)
- [The Philippine Technological Council \(PTC\)](#)
- [The Institution of Engineers Singapore \(IES\)](#)
- [The Engineering Institute of Thailand \(ETT\)](#)
- [Vietnam Union of Science and Technology Associations \(VUSTA\)](#)

Singapore-Both The Institution of Engineers-Singapore (IES) & Singapore Institute of Engineering Technologists (SIET) can nominate ASEAN Engineer/ ASEAN Engineering Technologists/ Associate ASEAN Engineer & Associate ASEAN Engineering Technologists

(A) Washington Accord for Professional Engineers

- (1) **Australia** - Represented by Engineers Australia (1989)
- (2) **Canada** - Represented by Engineers Canada (1989)
- (3) **Chinese Taipei** - Represented by Institute of Engineering Education Taiwan (2007)
- (4) **Hong Kong China** - Represented by The Hong Kong Institution of Engineers (1995)
- (5) **India** - Represented by National Board of Accreditation (2014) *(Applies only to programmes accredited by NBA offered by education providers accepted by NBA as Tier 1 institutions.)*
- (6) **Ireland** - Represented by Engineers Ireland (1989)
- (7) **Japan** - Represented by Japan Accreditation Board for Engineering Education (2005)
- (8) **Korea** - Represented by Accreditation Board for Engineering Education of Korea (2007)
- (9) **Malaysia** - Represented by Board of Engineers Malaysia (2009)
- (11) **New Zealand** - Represented by Institution of Professional Engineers NZ (1989)
- (12) **Russia** - Represented by Association for Engineering Education of Russia (2012)
- (13) **Singapore** - Represented by Institution of Engineers Singapore (2006)
- (14) **South Africa** - Represented by Engineering Council of South Africa (1999)
- (15) **Sri Lanka** - Represented by Institution of Engineers Sri Lanka (2014)
- (16) **Turkey** - Represented by MUDEK (2011)
- (17) **United Kingdom** - Represented by Engineering Council UK (1989)
- (18) **United States** - Represented by Accreditation Board for Engineering and Technology

(2) Sydney Accord for Engineering Technologists

Flowing from the Washington Accord, a similar Agreement was developed for Engineering

Technologists or Incorporated Engineers, called the **Sydney Accord (SA)**, which was signed in June 2001.

(3) Dublin Accord for Engineering Associates

The Dublin Accord is an agreement for the international recognition of Engineering Technician qualifications.

In May 2002 the national engineering organisations of the United Kingdom, Republic of Ireland, South Africa and Canada signed an agreement mutually recognising the qualifications which underpin the granting of Engineering Technician titles in the four countries.

Currently there are 8 Signatories to the Dublin Accord; Australia, Canada, Ireland , Korea, New Zealand, South Africa, United Kingdom and the United States.

Reference

The institution is listed in Country Education Profiles published by National Office of Overseas Skills

Recognition-Australia

- ❖ For Overseas engineers of Non Myanmar origins who are citizens of foreign countries, will have to fulfil
 - They are to be assessed individually depending on
 1. Their qualifications, experiences and skills and the requirements of the projects in Myanmar
 2. Their understanding of Myanmar cultural values
 3. Their commitment to contribute their skills in development of Myanmar engineers (2 & 3) can be demonstrated in essay & at interview conducted in English.
 4. Their basic knowledge of Myanmar language.
 5. Their workplace communication & co-operation capability
 6. Mutual Recognition Agreement between the qualifications authorities of their countries & Myanmar Engineering Society & Myanmar Engineering Council
 7. If specific Myanmar standards are used, their capability to match their engineering knowledge/ skills and usage of their standards to smooth interfacing with relevant Myanmar engineering standards

Procedures

- ❖ Depending on assessment, the recommendation for direct admission as Limited RE/Limited RSE/Limited PE
OR
- ❖ Engineering Fundamental and/ or Engineering Practice Test and then assessment of CPD/PDP/ Engineering Report / Interview
OR
- ❖ Appropriate exemptions in assessment procedures at the discretion of Engineering Accreditation of Myanmar Engineering Council

(6) Granting RE/RSE & PE in the engineering discipline which are not included in Regulation 102 to 104 of Myanmar Engineering Council Regulations

Regulation 102, 103 and 104 only covers Civil, Electrical and Mechanical Works. The other engineering disciplines such as Electronics, ICT Engineering, Biotechnology, Chemical, Mining, Petroleum etc are not covered in Regulation 102, 103 and 104.

Those engineering works can become the types of works which are prohibited by Clause 37 of Myanmar Engineering Council law or which are not are

prohibited by Clause 37 of Myanmar Engineering Council law depending on the risk assessment.

High and medium risk works which are related to hazardous area practice and which can happen explosion, fire, man made disaster etc can only be executed by PE and RSE

No risk and low risk works which are related to hazardous area practice and which can happen explosion, fire, man made disaster etc can also be executed by RE (Independent Practice).

Risk assessment tasks are to be executed by consultation with relevant engineering specifications and standards by consulting with relevant technical committees of Myanmar Engineering Society and Myanmar Engineering Council.

(7) Application of Technical Specifications and Standards

Until the time, all technical specifications and standards have been written as Myanmar Engineering Specifications and Standards, the use of technical specifications by Myanmar Engineers have to follow the following system.

- If Myanmar Engineering Practice Regulations, Standards and Specifications have been developed in the engineering discipline area, Myanmar Engineering Practice Regulations, Standards and Specifications must be used. For example, Electricity Supply Rules and Regulations have been developed, they must be used. Myanmar Building Codes have been developed, they must be used. Those Myanmar Engineering Practice Regulations, Standards and Specifications are required to be taught to the students who will sit Engineering Capstone Test Part 2 in their final year to be eligible to grant RE(Independent Practice). TU/ GTC Teachers who want to apply for RE/RSE/PE must be familiar with them.
- If Myanmar Engineering Practice Regulations, Standards and Specifications have not been developed in the engineering discipline area, the relevant international standards must be applied as follows.
 - Relevant ISO Standards
 - Relevant IEC Standards
 - Relevant IEEE Standards
 - Relevant standards written in English of the following countries
 - USA
 - UK
 - Australia
 - New Zealand
 - Canada
 - Ireland
 - Singapore
 - Japan
 - IMO for Maritime Standards

- AMSA for Maritime Standards
- The standards accepted by Myanmar Engineering Council & Relevant Technical Committees of Myanmar Engineering Society.
- The Standards commonly accepted by ASEAN Countries
- The standards of other countries which are written in English by the foreign engineering firms but the use of standard must be approved by Myanmar Engineering Council.

(7a)The types of the works in which the standard prescribed by Myanmar Engineering Council must be followed.

- If Myanmar Engineering Practice Regulations, Standards and Specifications have been developed in the engineering discipline area, Myanmar Engineering Practice Regulations, Standards and Specifications must be used.
- If Myanmar Engineering Practice Regulations, Standards and Specifications have not been developed in the engineering discipline area, Myanmar Engineering Council must decide which standard to be followed for the following kind of the tasks.
 - Defects in one area can spread to the other parts and can disrupt the whole system. For example, fault in one part of the electrical power system can spread to the whole power system, Fault in one telecommunication line section can outage the whole telecommunication supply network. Fault in one area of water/ gas and oil pipe line can lead to damage in the whole water/ gas pipe line, Chemical spray can pollute the large area of the region. Damage of dam can lead to flooding in the whole region etc.
 - Defects can lead to man-made disaster.
 - Defects can cause enormous damage. For example, fire in Petrol or gas station can burn out the whole township.
 - High risk jobs.
 - Confined area jobs
- If the above kind of damage which can lead to the disasters and impact on the whole system can not happen, the PE / RSE can select the appropriate Standard based on his or her expertise and the use of the standard must be submitted with proposal to the relevant granting authority as well as to Myanmar Engineering Council.

(7b)The types of the works in which PE/RSE can decide on which standard that he or she can choose

If the type of work work is not the one for which standard prescribed by Myanmar Engineering Council is required to be followed.

- RSE & PE can choose the appropriate international standard
- RSE and PE must exactly follow the requirements of the standards that they follow. They must submit the copies of the standard that they use to the relevant permit issuing authorities as well as to Myanmar

Engineering Council and compliance check must be randomly done by local or overseas experts of the relevant discipline who are certified experts in those standards.

Myanmar Engineering Council and Myanmar Engineering Society need to prepare the database of the standards that they accept and those are to be available to the general public.

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20 February 2016