

iagre.org

Agriculture ■ Forestry ■ Horticulture ■ Environment ■ Amenity



Institution of Agricultural Engineers
IAgrE Membership Grades and Criteria

G1 – IAgrE Membership Grades and Criteria

Author: Alastair Taylor

Date: April 2018

IAgrE Membership at a Glance

The Institution of Agricultural Engineers (IAgrE) is the professional body for engineers, scientists, technologists, managers, technicians and students typically working in agricultural engineering, landbased industries, and associated environmental and science subjects including machinery manufacture, research, agriculture, horticulture, forestry, amenity and the environment.

There are seven categories of membership:

- **Student** – usually for individuals at university, on a vocational course at college or an apprenticeship working towards a career in agricultural engineering, landbased industries, and associated environmental and science subjects
- **Affiliate (AIAgrE)** – for individuals working in a related field who have an interest in and enthusiasm for agricultural engineering, landbased industries, and associated environmental and science subjects.
- **Technician (TIAgrE)** – for individuals who have reached a minimum standard of education and training in a practical subject and are working in a technical position in agricultural engineering, the landbased Industries, and associated environmental and science subjects.
- **Associate Member (AMIAgrE)** - for individuals who have developed a standard of knowledge and understanding of agricultural engineering, landbased industries, and associated environmental and science subjects.
- **Member (MIAgrE)** – for individuals who have developed a standard of knowledge, understanding and experience and are an established practitioner in agricultural engineering, landbased industries, and associated environmental and science subjects.
- **Fellow (FIAgrE)** – for individuals who are well qualified and experienced in agricultural engineering, landbased industries, and associated environmental and science subjects and have demonstrated significant individual and sustained responsibility.
- **Honorary Fellow (HonFIAgrE)** for those individuals nominated by the IAgrE Board of Trustees on account of their exemplary and sustained contribution to agricultural engineering, landbased industries, and associated environmental and science subjects.

IAgrE offers members the opportunity to gain Engineering Council (UK) (EngC) registration at Engineering Technician (EngTech), Incorporated Engineer (IEng), and Chartered Engineer (CEng). Similarly, members working in the associated environmental sector can gain Society for the Environment (SocEnv) registration at Registered Environmental Technician (REnvTech), and Chartered Environmentalist (CEnv). Qualification and experience requirements for professional registration are described later in this guide.

Who Qualifies?

Potential IAgrE members will typically be working in the following sectors:

<ul style="list-style-type: none"> • Machinery Design • Manufacturing • The Environment • Landbased equipment • Service and Repair • Soil and water engineering • Farm buildings • Internet of Things 	<ul style="list-style-type: none"> • Crop storage and handling • Food process engineering • Precision Farming • Outdoor Power Equipment • Education and Training • University Research • Consultancy • Smart Agriculture 	<ul style="list-style-type: none"> • Marketing and Press • Agro-industrial products • Agrochemicals • Agriculture • Horticulture • Forestry • Amenity and leisure • Agri-food supply chain
---	--	--

Typical working roles include but are not restricted to:

<ul style="list-style-type: none"> • Design Engineering • Product Development • Service Technician • Product Support • Technical Sales • Workshop Manager • Technical Writer 	<ul style="list-style-type: none"> • Teaching • Thought Leadership • Research & Development • Post Graduate Research • Technical Support • Manufacturing • Communications 	<ul style="list-style-type: none"> • Farm Management • Advisory Services • Environmental Services • Consultancy • Finance • Leadership • Publishing
---	--	--

Progression Routes to Membership and Registration – Detailed Requirements

Non-Corporate Grades of Membership

The Student, Affiliate (AIAgrE), Technician (TIAgrE) grades of membership are defined as “Non Corporate Grades”. This means that members at these grades may attend but not vote at IAgrE meetings. Eligibility for these grades is assessed by the IAgrE Membership Department. Members at these grades will be encouraged to upgrade as their career develops.

<p>Student</p>	<ul style="list-style-type: none"> • For students following courses in agricultural engineering or relevant scientific subjects within, or recognised by the European Union, student membership is supported by the Douglas Bomford Trust (DBT) and is free for the duration of the course and one year post graduation. • If you wanted to, and are suitably qualified to upgrade your membership to Affiliate (AIAgrE), Technician (TIAgrE) or Associate Member (AMIAgrE) there is a reduced fee which applies during your time as a student. • For an additional annual fee, students can opt to receive a hard copy of the IAgrE member’s journal.
-----------------------	---

<p>IAgrE Affiliate (AIAgrE)</p>	<p>This grade of membership is open to:</p> <ul style="list-style-type: none"> • Candidates who have an enthusiasm for agricultural engineering, the land based sector or related activities and want to be part of the IAgrE community but who do not hold formal qualifications. <p>or</p> <ul style="list-style-type: none"> • Candidates with a technical education in a scientific, engineering, agricultural engineering or other relevant technical subject who do not yet qualify for higher grades of IAgrE membership. <p>or</p> <ul style="list-style-type: none"> • Students who wish to obtain a grade of membership where they can use the post nominals (AIAgrE) will qualify for this grade of membership
<p>IAgrE Technician (TIAgrE)</p>	<p>This grade of membership is open to:</p> <ul style="list-style-type: none"> • Candidates with a technical education to at least Level 2 in Agricultural Engineering or an equivalent landbased, scientific, or environmental subject and are established in employment in a vocational and/or technical role. <p>or</p> <ul style="list-style-type: none"> • Candidates with a technical education to at least Level 3 such as the BTEC Extended Diploma or equivalent level in a scientific, engineering, agricultural engineering or other relevant technical subject and just starting out in their career. At this level, candidates may be eligible to apply for registration as an Engineering Technician (EngTech) <p>or</p> <ul style="list-style-type: none"> • Technicians following the Land-based Training Accreditation (LTA) Scheme who meet the training and assessment requirements of the LTA Scheme and have completed a range of approved manufacturer training courses. At this level, candidates may be eligible to apply for registration as an Engineering Technician (EngTech)

Corporate Grades of Membership

The Associate Member (AM), Member (M) and Fellow (F) grades of membership are defined as “Corporate Grades”. This means that those members at these grades may vote at IAgrE meetings. Those members wishing to gain Chartered Engineer, Incorporated Engineer and/or Chartered Environmentalist registration must be corporate members. At the Member and Fellow grades, eligibility is assessed by the IAgrE Membership Committee.

For those who have been assessed as meeting the membership requirements of other Professional Engineering Institutions (PEI) the same grade of IAgrE membership will be offered upon receipt of an application form, a Curriculum Vitae and copies of certificates.

<p>Associate Member (AMIAgrE)</p>	<p>One of the following routes</p> <ul style="list-style-type: none"> • For those following an academic route, technical education to at least Degree level, <i>or for those who qualified pre 2000, the BTEC Higher National Diploma (or equivalent) in a scientific, engineering, agricultural engineering or other relevant technical subject.</i> (Candidates qualifying for registration with the Engineering Council UK at the Interim Stage of the Chartered Engineer, Incorporated Engineer or Engineering Technician. You are encouraged to apply for registration, whilst undergoing industrial training and gaining professional experience). <p style="text-align: center;">or</p> <ul style="list-style-type: none"> • For those following a vocational route, candidates are required to have a technical education to at least Advanced Apprenticeship, or Level 3 Extended Diploma (or equivalent) in a scientific, engineering, agricultural engineering or other relevant technical subject and have a period of industrial experience (typically but not exclusively 4 years) in a position assessed by IAgrE as being appropriate to the Associate Member grade. The programme of study contributes to the period of industrial training and experience. These may also apply for registration as Engineering Technician (EngTech) or Registered Environmental Technician (REnvTech). <p style="text-align: center;">or</p> <ul style="list-style-type: none"> • Technicians following the Land-based Training Accreditation (LTA) Scheme who have gained a Level 3 qualification as specified in the LTA Scheme or have completed a range of approved manufacturer training courses mapped to the Engineering Council UK-SPEC and approved as meeting the requirements for Engineering Technician (EngTech) Registration.
--	--

<p>Member (MIAgrE)</p>	<p>One of the following routes</p> <ul style="list-style-type: none"> • Education to at least Degree level, <i>or for those who qualified pre 2000, the BTEC Higher National Diploma (or equivalent)</i> in a scientific, engineering, agricultural engineering or other relevant technical subject. Candidates must demonstrate a period of professional development and show evidence of appropriate experience in a position of responsibility appropriate to the Member grade (typically, but not exclusively over five years). <p>or</p> <ul style="list-style-type: none"> • Those who have undertaken an Advanced Apprenticeship with Level 3 qualifications in an engineering subject, and who also qualify for registration with the Engineering Council as an Engineering Technician will also qualify for this grade of membership. <p>or</p> <ul style="list-style-type: none"> • A route for Member grade is available for those with considerable experience (typically but not exclusively more than 15 years) and do not hold the requisite academic qualifications as above. They must be able to demonstrate that: <ul style="list-style-type: none"> ➤ <i>Their technical knowledge of agricultural engineering has developed at least to Higher National Certificate level (for IEng) or NVQ3 level (for EngTech).</i> ➤ <i>They have undertaken industrial training and experience in posts of increasing responsibility in a relevant branch of a scientific, engineering, agricultural engineering or other relevant technical subject. (Individuals may be invited to attend for a professional interview).</i> <p>or</p> <ul style="list-style-type: none"> • Exceptionally, those holding senior positions in agricultural engineering, or related professions, will be eligible for entry into this grade by invitation by the IAgrE Trustees. <p>Furthermore</p> <ul style="list-style-type: none"> • Those holding academic qualifications and with industrial training and experience meeting the criteria of the Engineering Council and/or the Society for the Environment will be encouraged to apply for registration at an appropriate level.
-------------------------------	--

<p>Fellow (FIAgrE)</p>	<p>One of the following routes</p> <ul style="list-style-type: none"> • Technical education will normally be to Degree level in engineering, agricultural engineering or a relevant scientific subject from a recognised university. Candidates should have undertaken professional development and have experience in positions of considerable and sustained responsibility assessed as being appropriate to the Fellow grade (typically, but not exclusively over five years). <p>or</p> <ul style="list-style-type: none"> • A route for Fellow grade is available for those with considerable experience at senior management level and who do not hold the requisite academic qualifications as above. • They must be able to demonstrate through career learning, (typically but not exclusively more than 15 years) that their academic knowledge of their discipline has developed to a level comparable with a University degree, and have substantial responsible experience in senior positions in a relevant branch of the profession. <i>(Individuals may be invited to attend for a professional interview).</i> <p>or</p> <ul style="list-style-type: none"> • Exceptionally, outstanding individuals not holding formal qualifications who, in the opinion of IAgrE, have substantial experience in a position of considerable responsibility in the land based sector may join by invitation of the President. <p>Furthermore</p> <ul style="list-style-type: none"> • Those holding academic qualifications and with industrial training and experience meeting the criteria of the Engineering Council and/or the Society for the Environment will be encouraged to apply for registration at an appropriate level.
<p>Honorary Fellow (HonFIAgrE)</p>	<p>These will be existing IAgrE members of very high standing who have made a considerable and sustained contribution to the development of IAgrE.</p> <p>Honorary Fellows will be proposed and seconded by Corporate members of IAgrE and will be approved by the Award Committee before final ratification by the IAgrE Board of Trustees.</p>