

Institution of Agricultural Engineers (IAgrE) Continuing Professional Development (CPD) Tracker

Name:	
IAgrE Grade:	
Registrations:	
Update Date:	

IAgrE CPD Specifications A. development of technical expertise and knowledge relevant to one's profession. B. extension of technical and managerial skills beyond the participant's normal field C. development of professional life skills and knowledge such as languages, finance, law, etc
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For details of Eng CUK-SPEC/Soc Env Criteria
see separate sheet tabs below

Date	CPD Organiser	Location	Event/Activity	Hours	Outcomes/Reflection/Comments	IAgrE Spec	UK-SPEC Ref	Soc Env Ref

Institution of Agricultural Engineers (IAgrE) Continuing Professional Development (CPD) Tracker

Name:	Alastair Taylor
IAgrE Grade:	MIAgrE
Registrations:	IEng CEnv
Update Date:	

IAgrE CPD Specifications

- A. development of technical expertise and knowledge relevant to one's profession.
- B. extension of technical and managerial skills beyond the participant's normal field
- C. development of professional life skills and knowledge such as languages, finance, law, etc

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Date	CPD Organiser	Location	Function/Event/Activity	Hours	Outcomes/Reflection/Comments	IAgrE Spec	UK-SPEC Ref	Soc Env Ref
20-May-15	IAgrE	Newcastle	Annual IAgrE Conference - Too Much or Too Little Water	6	Attend conference held at Newcastle University. Six papers covering land drainage, run off management, LEAF, water sensors, drainage equipment technologies, water management. Networking opportunities with other professionals. Increased my knowledge of subject areas	A, B	IEng, A2	CEnv A1, D2
21-May-15	N/A	Melton Mowbray	Presentation of awards to Apprentices	1	Presentation of awards to Apprentices working for GRIMME. Discussions with GRIMME senior managers on training and education and technology application. This meeting informed me for future partnership and how we can support this particular business and extend future membership.	C		

Engineering Council UK-Spec4 - for all CEng, IEng & EngTech Registered Members

Eng Tech

A Use engineering knowledge and understanding to apply technical and practical skills.

A1 Review and select appropriate techniques, procedures and methods to undertake tasks.

A2 Use appropriate scientific, technical or engineering principles.

B Contribute to the design, development, manufacture, construction, commissioning, decommissioning, operation or maintenance of products, equipment, processes, systems or services.

B1 Identify problems and apply appropriate methods to identify causes and achieve satisfactory solutions.

B2 Identify, organise and use resources effectively to complete tasks, with consideration for cost, quality, safety, security and environmental impact.

C Accept and exercise personal responsibility.

C1 Work reliably and effectively without close supervision, to the appropriate codes of practice.

C2 Accept responsibility for work of self or others.

C3 Accept, allocate and supervise technical and other tasks.

D Use effective communication and interpersonal skills.

D1 Communicate effectively with others at all levels in English.

D2 Work effectively with colleagues, clients, suppliers or the public.

D3 Demonstrate personal and social skills and awareness of diversity and inclusion issues.

E Make a personal commitment to an appropriate code of professional conduct, recognising obligations to society, the profession and the environment.

E1 Understand and comply with relevant Codes of Conduct.

E2 Understand the safety implications of your role and apply safe systems of work.

E3 Understand the principles of sustainable development and apply them in your work.

E4 Carry out and record CPD necessary to maintain and enhance competence in own area of practice including:

- Undertake reviews of own development needs
- Plan how to meet personal and organisational objectives
- Carry out planned (and unplanned) CPD activities
- Maintain evidence of competence development
- Evaluate CPD outcomes against any plans made
- Assist others with their own CPD

E5 Understand the ethical issues that may arise in the role and carry out your responsibilities in an ethical manner.

Engineering Council UK-Spec - for all CEng, IEng & EngTech Registered Members

Incorporated Engineer (IEng)

A Use a combination of general and specialist engineering knowledge and understanding to apply existing and emerging technology.

A1 Maintain and extend a sound theoretical approach to the application of technology in engineering practice.

A2 Use a sound evidence-based approach to problem-solving and contribute to continuous improvement.

B Apply appropriate theoretical and practical methods to design, develop, manufacture, construct, commission, operate, maintain, decommission and re-cycle engineering processes, systems, services and products.

B1 Identify, review and select techniques, procedures and methods to undertake engineering tasks.

B2 Contribute to the design and development of engineering solutions.

B3 Implement design solutions for equipment or processes and contribute to their evaluation.

C Provide technical and commercial management.

C1 Plan the work and resources needed for effective project implementation of engineering tasks and projects.

C2 Manage (organise, direct & control) tasks, programme or schedule, budget and resource elements of engineering tasks or projects.

C3 Manage teams or the input of others into own work and assist others to meet changing technical and management needs.

C4 Take an active role in continuous quality improvement.

D Demonstrate effective communication and interpersonal skills

D1 Communicate effectively with others at all levels in English.

D2 Present and discuss proposals, justifications and conclusions.

D3 Demonstrate personal and social skills and awareness of Diversity and Inclusion issues.

E Demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment.

E1 Understand and comply with relevant codes of conduct.

E2 Understand the safety implications of the role and manage, apply and improve safe systems of work.

E3 Understand the principles of sustainable development and apply them in your work.

E4 Carry out and record CPD necessary to maintain and enhance competence in own area of practice including:

- Undertake reviews of own development needs
- Plan how to meet personal and organisational objectives
- Carry out planned (and unplanned) CPD activities
- Maintain evidence of competence development
- Evaluate CPD outcomes against any plans made
- Assist others with their own CPD.

E5 Understand the ethical issues that may arise in the role and carry out your responsibilities in an ethical manner.

Engineering Council UK-Spec - for all CEng, IEng & EngTech Registered Members

Chartered Engineer (CEng)

A Use a combination of general and specialist engineering knowledge and understanding to optimise the application of advanced and complex systems.

A1 Maintain and extend a sound theoretical approach to enable you to develop your particular role.

A2 Developing technological solutions to unusual or challenging problems using their knowledge and understanding and/or dealing with complex technical issues or situations with significant levels of risk.

B Apply appropriate theoretical and practical methods to the analysis and solution of engineering problems.

B1 Take an active role in the identification and definition of project requirements, problems and opportunities.

B2 Can identify the appropriate investigations and research needed to undertake the design, development and analysis required to complete an engineering task and conduct these activities effectively.

B3 Can implement engineering tasks and evaluate the effectiveness of engineering solutions.

C Can demonstrate technical and commercial leadership.

C1 Plan the work and resources needed to enable effective implementation of significant engineering tasks and projects.

C2 Manage (organise, direct & control) programme or schedule, budget and resource elements of a significant engineering task or project.

C3 Lead teams or technical specialisms and assist others to meet changing technical and managerial needs

C4 Bring about continuous quality improvement and promote best practice.

D Demonstrate effective communication and interpersonal skills

D1 Communicate effectively with others at all levels in English.

D2 Clearly present and discuss proposals, justifications and conclusions.

D3 Demonstrate personal and social skills and awareness of Diversity and Inclusion issues.

E Demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment.

E1 Understand and comply with relevant codes of conduct.

E2 Understand the safety implications of your role and manage, apply and improve safe systems of work

E3 Understand the principles of sustainable development and apply them in your work.

E4 Carry out and record CPD necessary to maintain and enhance competence in own area of practice including:

- Undertake reviews of own development needs
- Plan how to meet personal and organisational objectives
- Carry out planned (and unplanned) CPD activities
- Maintain evidence of competence development
- Evaluate CPD outcomes against any plans made
- Assist others with their own CPD.

E5 Understand the ethical issues that may arise in the role and carry out your responsibilities in an ethical manner.

Society for the Environment Competencies

A - Application of knowledge and understanding of the environment to further the aims of sustainability

A1 Have underpinning knowledge of sustainable development principles in the management of the environment.

A2 Apply environmental knowledge and principles in pursuit of sustainable environmental management in professional practice.

A3 Analyse and evaluate problems from an environmental perspective, develop practical sustainable solutions and anticipate environmental trends to develop practical solutions.

B - Leading Sustainable Management of the Environment

B1 Promote behavioural and cultural change by influencing others in order to secure environmental improvements that go beyond minimum statutory requirements.

B2 Promote a strategic environmental approach

B3 Demonstrate leadership and management skills. Outcomes/Reflection/Comments

C - Effective Communication and Interpersonal Skills

C1 Communicate the environmental case, confidently, clearly, autonomously and competently.

C2 Ability to liaise with, negotiate with, handle conflict and advise others, in individual and/or group environments (either as a leader or member).

D - Personal commitment to professional standards, recognising obligations to society, the profession and the environment

D1 Encourage others to promote and advance a sustainable and resilient approach by understanding their responsibility for environmental damage and improvement

D2 Take responsibility for personal development and work towards and secure change and improvements for a sustainable future.

D3 Demonstrate an understanding of environmental ethical dilemmas.

D4 Comply with relevant codes of conduct and practice.