BINDT use only

Date application received		
Day	**Month**	**Year**
Fee received	£	

The British Institute of Non-Destructive Testing, Midsummer House,
Riverside Way, Bedford Road, Northampton NN1 5NX, UK
Tel: +44 (0)1604 438300 | Email: info@bindt.org

BINDT use only

BINDT membership number

Application for Registration as a **Chartered Engineer**

Notes on the completion of this form:

1. Before completing this form please read '*Notes to applicants seeking registration as a Chartered Engineer*' [Form RG001]. It is recommended that you refer to the Engineering Council's UK Standard for Professional Engineering Competence (UK-SPEC) 4th edition (www.engc.org.uk/ukspec.aspx).
2. The Engineering Council Working Group (ECWG) requires applicants to complete the Engineering Council Standards/ Competency match (part 2 of this application); this will enable you to assess your own competence against the CEng Competency requirements.
3. Please complete all sections as comprehensively as possible. **('See CV' or similar wording or an incomplete application is not acceptable and will result in rejection of this application.)** Continue on a separate sheet if required.
4. All applicants must provide names and addresses of two referees (page 4/5).
5. **This form is to be accompanied by the following up-to-date documentation:**

Checklist (tick when enclosed)

CV ☐ **Photo ID** ☐ **Training/ CPD record** ☐ **Copies of academic and training certificates** ☐ **Future professional development plan** ☐ **Organogram** ☐

1. Personal details

Title (Mr, Mrs, Miss, other):	Date of birth:	Age:
Full name (surname in block capitals):		
Grade of membership:	Date of election:	
Current EC registration (if applicable):	PCN number:	
Home address (including postcode):		
Contact number:	Email:	

2. Declaration by applicant

I, the undersigned, certify each and every one of the statements in this application to be correct:

Signature:	Date:

To add your signature, click on the 'Fill & Sign' button. Click on the 'Sign' icon and select the 'Add Signature' option. Choose your preferred option to create/add your signature (type, draw or use an image) and click to 'Apply'. Move your signature into the signature box.

BINDT will store and use the information given on this form only for the purpose for which it has been provided. Your personal details and any other data you provide to BINDT will not be passed on to a third-party without your permission.

BINDT would like to contact you from time to time to let you know about its other services that may be of interest, such as special offers and discounts, events and new products. If you are happy to be contacted by BINDT, please indicate by ticking the box below:

I am happy for BINDT to contact me with information that may be of interest ☐

You can subscribe or unsubscribe at any time; simply let us know.

3. Academic and professional qualifications (further education onwards only)

From (MM/YY)	To (MM/YY)	Award	Subject	College/University/Professional or Certifying Body	First Referee's Initials

4. Present occupation

Current job title:

Employed from: To:

Employer:

Location: Number of employees:

Nature of business:

Nature of present occupation – a general statement of objectives and responsibilities:

Job specification – duties and engineering responsibilities:

Decisions – indicate briefly the nature of major engineering and commercial decisions for which you are personally responsible:

Organogram – To be attached on separate A4 sheet, showing clearly your position in the organisation, related to both senior and subordinate staff, and indicating those of CEng, IEng and EngTech status. This sheet must be authenticated by your referees.

	CEng/IEng	EngTech	Support
Number of subordinate staff			

To whom are you directly responsible?

5. Previous occupation

Job title:	
Employed from:	To:
Employer:	
Employer's location:	Employer's number of employees:
Employer's nature of business:	
Employer's principal products/activities:	
Nature of occupation – a general statement of objectives and responsibilities:	
Job specification of occupation – duties and engineering responsibilities:	
Decisions – indicate briefly the nature of major engineering and commercial decisions for which you were personally responsible:	

This sheet must be authenticated by your referees.

Referee's support form

All applicants **must** provide names and addresses of two referees. Referees must know you personally and be capable of verifying the statements in your application. One referee should be your current immediate superior.

It is **preferable** that referees should be voting members of this or a related institution and registered with the Engineering Council. They must not be subordinates of the applicant or direct family members. Referees are required to initial the areas of your application for which they have personal knowledge.

Applicant's name: _____

Referee details (to be completed by first referee)

1. If you are a member of BINDT, please state member grade and membership number	BINDT membership number:	
	BINDT membership grade:	
2. If you are a member of any other UK or other professional institutions, please state member grade and name of institution	Institution name:	
	Institution membership grade:	
3. Current Engineering Registration	CEng ☐ IEng ☐ N/A ☐	
	EC registration number:	
4. Please state how you know the applicant		
5. How long have you known the applicant for?	**years**	

Declaration by referee

I have read and initialled those sections of this application and its supporting documents covering the applicant's career information of which I have knowledge and confirm that the initialled statements are to the best of my belief correct.

Name	
Company name	
Job title	
Address	
Postcode	
Contact number	
Email	

Signature:	**Date:**

To add your signature, click on the 'Fill & Sign' button. Click on the 'Sign' icon and select the 'Add Signature' option. Choose your preferred option to create/add your signature (type, draw or use an image) and click to 'Apply'. Move your signature into the signature box.

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	BINDT membership grade:	
2. If you are a member of any other UK or other professional institutions, please state member grade and name of institution	Institution name:	
	Institution membership grade:	
3. Current Engineering Registration	CEng ☐ IEng ☐ N/A ☐	
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The standard	Examples	Enter your answers here (complete on a separate sheet if required)
This column gives details of the competencies and the commitments in the UK-SPEC. **Chartered Engineers must be competent throughout their working life, by virtue of their education, training and experience, to…**	**This column gives examples that are intended to help you identify activities you might quote to demonstrate the required competence and commitment for CEng registration.** ● **These are not exhaustive.** ● **You are not required to give multiple examples to demonstrate competence and commitment.**	**In this column, detail your activities that demonstrate the required competences and commitments for registration.** **If you reference other information, please identify where that can be found within your submitted documentation.**

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
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.	• Formal training related to your role. • Learning and developing new engineering knowledge in a different industry or role. • Understanding the current and emerging technology and technical best practice in your area of expertise. • Learning and developing new engineering theories and techniques in the workplace. • Broadening and deepening your knowledge base through research and experimentation.	
A2 Develop technological solutions to unusual or challenging problems, using your knowledge and understanding and/or dealing with complex technical issues or situations with significant levels of risk.	• Carrying out technical research and development. • Developing new designs, processes or systems based on new or evolving technology. • Carrying out complex and/or non-standard technical analyses. • Developing solutions involving complex or multi-disciplinary technology. • Developing and evaluating continuous improvement systems. • Developing solutions in safety-critical industries or applications.	

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
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.	• Identifying projects or technical improvements to products, processes or systems. • Preparing specifications. Taking account of functional and other requirements. • Establishing user requirements. • Reviewing specifications and tenders to identify technical issues and potential improvements. • Carrying out technical risk analysis and identifying mitigation measures. • Considering and implementing new and emerging technologies.	
B2 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.	• Identifying and agreeing appropriate research methodologies. • Investigating a technical issue, identifying potential solutions and determining the factors needed to compare them. • Identifying and carrying out physical tests or trials and evaluating the results. • Carrying out technical simulations or analysis. • Preparing, presenting and agreeing design recommendations, with appropriate analysis of risk, and taking into account cost, quality, safety, reliability, accessibility, appearance, fitness for purpose, security (including cyber security), intellectual property constraints and opportunities, and environmental impact.	

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
B3 Implement engineering tasks and evaluate the effectiveness of engineering solutions.	• Ensuring that the application of the design results in the appropriate practical outcome. • Implementing design solutions, taking account of critical constraints, including due concern for safety, sustainability and disposal or decommissioning. • Identifying and implementing lessons learned. • Evaluating existing designs or processes and identifying faults of potential improvements, including risk, safety and lifecycle considerations. • Actively learning from feedback on results to improve future design solutions and build best practice.	
C Demonstrate technical and commercial leadership.		
C1 Plan the work and resources needed to enable effective implementation of a significant engineering task or project.	• Preparing budgets and associated work programmes for projects or tasks. • Systematically reviewing the factors affecting the project implementation including safety, sustainability and disposal or decommissioning considerations. • Carrying out a task or project risk assessment and identifying mitigation measures. • Leading on preparing and agreeing implementation plans and method statements. • Negotiating and agreeing arrangements with customers, colleagues, contractors and other stakeholders, including regulatory bodies. • Ensuring that information flow is appropriate and effective.	

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
C2 Manage (organise, direct and control), programme or schedule, budget and resource elements of a significant engineering task or project.	• Operating or defining appropriate management systems including risk registers and contingency systems. • Managing the balance between quality, cost and time. • Monitoring progress and associated costs and cost forecasts, taking appropriate actions when required. • Establishing and maintaining appropriate quality standards within legal and statutory requirements. • Interfacing effectively with customers, contractors and other stakeholders.	
C3 Lead teams or technical specialism and assist others to meet changing technical and managerial needs.	• Agreeing objectives and work plans with teams and individuals. • Reinforcing team commitment to professional standards. • Leading and supporting team and individual development. • Assessing team and individual performance and providing feedback. • Seeking input from other teams or specialists where needed and managing the relationship. • Providing specialist knowledge, guidance and input in your specialism to engineering teams, engineers, customers, management and relevant stakeholders. • Developing and delivering a teaching module at Masters level, or leading a University research programme.	

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
C4 Bring about continuous quality improvement and promote best practice.	• Promoting quality throughout the organisation as well as its customer and supply networks. • Developing and maintaining operations to meet quality standards, for example ISO 9000, EFQM. • Supporting or directing project evaluation and proposing recommendations for improvement. • Implementing and sharing the results of lessons learned.	
D Demonstrate effective communication and interpersonal skills.		
D1 Communicate effectively with others, at all levels, in English.	• Preparing reports, drawings, specifications and other documentation on complex matters. • Leading, chairing, contributing to and recording meetings and discussions. • Exchanging information and providing advice to technical and non-technical colleagues. • Engaging or interacting with professional networks.	
D2 Clearly present and discuss proposals, justifications and conclusions.	• Contributing to scientific papers or articles as an author. • Preparing and delivering presentations on strategic matters. • Preparing bids, proposals or studies. • Identifying, agreeing and leading work towards collective goals.	

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
D3 Demonstrate personal and social skills and awareness of diversity and inclusion issues.	• Knowing and managing own emotions, strengths and weaknesses. • Being confident and flexible in dealing with new and changing interpersonal situations. • Identifying, agreeing and working towards collective goals. • Creating, maintaining and enhancing productive working relationships and resolving conflicts. • Being supportive of the needs and concerns of others, especially where this relates to diversity and inclusion.	
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.	• Demonstrating compliance with your Licensee's Code of Professional Conduct. • Identifying aspects of the Code that are particularly relevant to your role. • Being aware of the legislative and regulatory frameworks relevant to your role and how they conform to them. • Leading work within relevant legislation and regulatory frameworks, including social and employment legislation.	

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
E2 Understand the safety implications of your role and manage, apply and improve safe systems of work.	• Identifying and taking responsibility for your own obligations and ensuring that others assume similar responsibility for health, safety and welfare issues. • Ensuring that systems satisfy health, safety and welfare requirements. • Developing and implementing appropriate hazard identification and risk management systems and culture. • Managing, evaluating and improving these systems. • Applying a sound knowledge of health and safety legislation, for example HASAW 1974, CDM regulations, ISO 45001 and company safety policies.	
E3 Understand the principles of sustainable development and apply them in your work.	• Operating and acting responsibly, taking account of the need to progress environmental, social and economic outcomes simultaneously. • Providing products and services that maintain and enhance the quality of the environment and community, and meet financial objectives. • Recognising how sustainability principles, as described in the Engineering Council's Guidance on Sustainability, can be applied in your day-to-day work. • Understanding and securing stakeholder involvement in sustainable development. • Using resources efficiently and effectively in all activities. • Taking action to minimise environmental impact in your area of responsibility.	

The standard	Examples	Enter your answers here (complete on a separate sheet if required)
E4 Carry out and record the Continuing Professional Development (CPD) necessary to maintain and enhance competence in your own area of practice.	• Undertaking reviews of your own development needs. • Planning how to meet personal and organisational objectives. • Carrying out planned and unplanned CPD activities. • Maintaining evidence of competence development. • Evaluating CPD outcomes against any plans made. • Assisting others with their CPD.	
E5 Understand the ethical issues that may arise in your role and carry out your responsibilities in an ethical manner.	• Understanding the ethical issues that you may encounter in your role. • Giving an example of where you have applied ethical principles as described in the Engineering Council's Statement of Ethical Principles. • Giving an example of where you have applied or upheld ethical principles as defined by your organisation, company or institute.	