

# CHARTERED ENGINEER APPLICATION

Institution of  
**MECHANICAL  
ENGINEERS**

Institution of Mechanical Engineers  
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## For submissions or support:

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Application to become a **Member** of the Institution of Mechanical Engineers (IMechE) and a Chartered Engineer (CEng MIMechE)

## About this form

Use this form to apply to become a Member of the IMechE. If your application is successful you will also be registered as a Chartered Engineer (CEng).

Before you begin this process you should be confident that you meet the current requirements.

## Eligibility

In order to become a CEng Member you will typically need a four-year accredited MEng degree or equivalent OR a three-year accredited BEng (Hons) degree plus an appropriate Masters programme or period of further learning. Full requirements can be found on our website.

Separate membership applications are available for Engineering Technicians (EngTech) and Incorporated Engineers (IEng), and those applying for Fellowship.

## The application process

Once you have completed all sections of this form, please return it by email to [membership@imeche.org](mailto:membership@imeche.org). Note that applications received by post may take longer to process.

Once we have processed your application we will let you know whether you have progressed to the interview stage, and when this will take place.

## This form has six sections

You must complete all sections before you submit your application:

1. About you
2. Personal competence statements
3. Organisation chart
4. Development action plan
5. Sponsors
6. Your declaration

## Using this form

- Please type using a black font
- Please fill in all applicable fields in this form

Support text is shown alongside questions at the point of need. Further guidance can be found in the guidance notes for this application, which should be read before beginning your application.

## Part F: Summary of your responsibilities and achievements

Please provide a report of no more than 600 words which details your past experience and roles. This should concentrate on the past 5 years/3 roles, but if you have other relevant experience please include this in your report. For each position you should state the company name, start and finish dates, list of achievements, responsibilities, level of authority and autonomy.

### Turbine Engineer, **Company A** 2022 - Present

As an Engineer within the Turbine Engineering Team include

- Engineering Authority for areas of site as mechanical discipline
- Manage and deliver as part of pressures systems integrity programme
- Lead and Sponsor capital projects
- Maintain Assets to ensure safety, compliance, and performance.
- Lead and support process safety assessments such as HAZOP, HAZID, FMEA and LOPA
- Lead design and discipline review of projects and modifications
- Ownership of procedures and site rules
- Technical expert for areas of plant and provide problem solving and guidance as required
- Witness FAT and offsite inspections
- Lead and support Failure investigations for RCA and investigations across disciplines and site functions
- Planned, prepared, and deliver successfully scopes of works and projects during significant maintenance outages

### Maintenance Manager, **Company B** 2019 – 2022

As Maintenance Manager key responsibilities included

- Asset maintenance compliance and management in line with company standards, policies and site rules
- Manage and be accountable for departmental compliance to best practice, regulatory and COMAH requirements
- Prepare and Lead HSE and COMAH Audits, involvement in site wide process safety management
- Lead and manage a multi discipline department comprising of Engineers, Technicians and support functions who I provide line management, development and support (~30 persons)
- Provide decision making and competent person reviews to authorise Management of Change and modifications
- Provide leadership to maintain and improve asset management strategies including integrity, ageing plant, obsolescence, and compliance
- Lead departmental management of process safety and departmental performance while ensuring the site remains productive and efficient utilising KPI's and other systems
- Engage as company representative in best interests of the organisation with key stakeholders and at external events
- Coordinate and communicate with other departmental teams to meet business strategy, objectives, and synergy of resources
- Lead and sponsor business projects for new equipment, capacity, asset recovery and system changes
- Budget Control for Maintenance, Engineering and Capex (Circa £5m~)

### Lead Maintenance Engineer, **Company C** 2017 – 2018

As Lead Maintenance Engineer key responsibilities included.

- Lead Maintenance Team of Technicians, Team leaders, contractors and vendors to deliver the maintenance of the site requirements
- Lead and Sponsor projects such as equipment replacement or improvements
- Technical problem solving and support reactive work
- Record and manage departmental KPI's
- Lead and drive improvements in PPM and condition-based monitoring such as vibration analysis
- Lead and support Failure investigations for RCA and prevent reoccurrence
- Planned, prepared and executed successfully large areas of plant as Mechanical TA during large maintenance outages

### Mechanical Engineer, **Company C** 2014 – 2017

As Mechanical Engineer key responsibilities included.

- Technical Authority for areas of site as mechanical discipline
- Maintain Mechanical Assets to ensure safety, compliance, and performance.
- Support process safety assessments such as HAZOP, HAZID, FMEA and LOPA
- Lead design and discipline review of projects and modifications
- Ownership of procedures and site rules applicate to discipline
- Manage maintenance strategies of assets including inspections and RBI/WSE
- Technical expert for areas of plant and provide problem solving and guidance as required
- Witness FAT and offsite inspections
- Lead and support Failure investigations for RCA and prevent reoccurrence
- Lead and Sponsor discipline projects such as equipment replacement or improvements
- Planned, prepared, and executed successfully large areas of plant as Mechanical TA during large maintenance outages

# Section 2: Personal competence statements

## What do we mean by competence?

Professional competence combines knowledge, understanding, skills and values. It's about more than just being able to perform a specific task; it's being able to do it correctly, safely, effectively and consistently. These competence requirements are based on those specified by the Engineering Council in the UK Standard for Professional Engineering Competence (UK-SPEC).

## What characteristics are we looking for?

Chartered Engineers are characterised by their ability to develop appropriate solutions to engineering problems, using new or existing technologies, through innovation, creativity and change.

They might develop and apply new technologies, promote advanced designs and design methods, introduce new and more efficient production techniques, marketing and construction concepts, or pioneer new engineering services and management methods. Chartered Engineers are variously engaged in technical and commercial leadership and possess effective interpersonal skills.

## How to complete this section

Please ensure that each of the five parts is around 400 words – which is a total of approximately 2,000 for the whole section. Further help can be found in the guidance notes.

Competence title

**A: Knowledge and understanding**

Competence objective

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

Sub-competences

This is a potential framework you could use to demonstrate how you've met the competence objectives. You don't necessarily need to address every point, but they should help to focus your answer.

The sub-competences are based on the requirements specified in the UK-SPEC.

**A1: How have you maintained and extended a sound theoretical approach to enable you to develop your particular role?**

You could reference your ability to: Undertake formal training related to your role / Learn and develop new engineering knowledge in a different industry or role / Understand the current and emerging technology and technical best practice in your area of expertise / Develop a broader and deeper knowledge base through research and experimentation / Learn and develop new engineering theories and techniques in the workplace

**A2: How have you developed 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?**

You could reference your ability to: Carry out technical research and development / Develop new designs, processes or systems based on new or evolving technology / Carry out complex and/or non-standard technical analyses / Develop solutions involving complex or multi-disciplinary technology / Develop and evaluate continuous improvement systems / Develop solutions in safety-critical industries or applications

# EXAMPLE

## **A: Knowledge and understanding**

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

### **A1: How have you maintained and extended a sound theoretical approach to enable you to develop your particular role?**

You could reference your ability to: Undertake formal training related to your role / Learn and develop new engineering knowledge in a different industry or role / Understand the current and emerging technology and technical best practice in your area of expertise / Develop a broader and deeper knowledge base through research and experimentation / Learn and develop new engineering theories and techniques in the workplace

### **A2: How have you developed 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?**

You could reference your ability to: Carry out technical research and development / Develop new designs, processes or systems based on new or evolving technology / Carry out complex and/or non-standard technical analyses / Develop solutions involving complex or multi-disciplinary technology / Develop and evaluate continuous improvement systems / Develop solutions in safety-critical industries or applications

## A: Knowledge and understanding

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

(Approximately 400 words)

Throughout my Engineering career I have worked within different industries such as Merchant Navy, Manufacturing, Petro-Chemical and Power Generation. In each industry I have worked I have sought out and understood what the requirements about knowledge, legislative compliance, best practice, and guidance are. My career development within a new organisation is to build my competency within the industry, this is started with a plan to expand my knowledge, skills and experience through training, education, and exposure. Examples of developing and maintaining my theoretical knowledge include reading of technical papers, reviewing latest standards relevant to my role and industry, attending seminars, webinars, and training. An example is I was leading a team who designing and installing a project to improve a reactor safety instrumented system, to ensure I had sufficient knowledge I completed training and experience to gain TUV Functional Safety Engineer accreditation to meet the competency requirements.

One of the projects I led was increasing the life expectancy of cylinder liners and piston rings in a process gas compressor due to desire for the plant to operate for longer periods between major outages. During this project I had to work closely with manufacturers to design and trial new components due to unique nature of the process which is lubricating oil free and vapour contamination from the process. The work carried out was completed by our internal management of change procedure (MOD) to minimise risk and hazards to equipment and people.

During the designing phase I reviewed white papers including bespoke testing methods for the tribology of dry gas compressors, along with discussions with other engineering professionals around the world using similar gas compressors determined the material selection to be used. Working closely with the component manufacturer for piston and rider rings we designed new rings with deeper and herringbone shaped gas paths with the aim to prevent dust blockages and improved temperature profile of components. The custom designs were modelled on simulation to give confidence of stresses were suitable for design, physical prototype was made and tested with manufacturer to ensure suitability before testing in the equipment on site.

### **Apply appropriate theoretical and practical methods to the analysis and solution of engineering problems**

#### **B1: How have you taken an active role in the identification and definition of project requirements, problems and opportunities?**

You could reference your ability to: Identify projects or technical improvements to products, processes or systems / Prepare specifications, taking account of functional and other requirements / Establish user requirements / Review specifications and tenders to identify technical issues and potential improvements / Carry out technical risk analysis and identify mitigation measures / Consider and implement new and emerging technologies

#### **B2: How have you identified the appropriate investigations and research needed to undertake the design, development and analysis required to complete an engineering task and conducted these activities effectively?**

You could reference your ability to: Identify and agree appropriate research methodologies / Investigate a technical issue, identifying potential solutions and determining the factors needed to compare them / Identify and carry out physical tests or trials, analysing and evaluating the results / Carry out technical simulations or analysis / Prepare, present and agree design recommendations, with appropriate analysis of risk, and taking account of cost, quality, safety, reliability, accessibility, appearance, fitness for purpose, security (including cyber security), intellectual property constraints and opportunities, and environmental impact

#### **B3: How have you implemented engineering tasks and evaluated the effectiveness of engineering solutions?**

You could reference your ability to: Ensure that the application of the design results in the appropriate practical outcome / Implement design solutions, taking account of critical constraints, including due concern for safety, sustainability and disposal or decommissioning / Identify and implement lessons learned / Evaluate existing designs or processes and identify faults or potential improvements including risk, safety and life cycle considerations / Actively learn from feedback on results to improve future design solutions and build best practice

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

(Approximately 400 words)

Managing the integrity of the pressure systems within the main turbine generator units at **Company A**, the high-pressure steam (570oC 165barg) warming drain lines I had identified the need for isolation and regulating valve upgrade. I identified through research and material testing that the erosion of internal pipe bend extrados attributed to optimum conditions of erosion-corrosion, and liquid droplet impingement caused by defective isolation and regulation valves within the system. Through surveys using latest ultrasonic technology confirmed financial benefit to **Company A** of £1.7m pa with the valve upgrade.

I created a project document identifying valves which needed replacement, created a specification for temperature and pressure class, material requirements and welding codes, requirements of operation with original design and operational needs, review which standards internal and external required adherence. Working with industry best practice such as GENSIP, API, ASME and BS I researched the manufacturers and material technologies available and tendered for suitable replacements. The original valves had been replaced multiple times but of a design from around 1970's, as part of the upgrade the materials and type of valve was upgraded to make use of improved technology with coatings, materials and manufacturing methods, industry experience and improvements in modelling techniques. The defective valves were managed using risk management system SAI360 and suitable mitigations put in place until confidence in erosion rates was restored, such as access restrictions and increased NDT inspection frequency. I performed the change using our management of change system and utilised myself as well as others as the subject matter experts to peer review proposed changes before implementation.

Effectiveness of the valve replacement project was measured on project delivery through metrics based on schedule, delivered in full, within budget, quality of installation, HSE and meeting customer/design requirements. Improvements to plant life are confirmed with regular valve leakage monitoring and NDT of pipework going forwards.

### Demonstrate technical and commercial leadership

#### **C1: How have you planned the work and resources needed to enable effective implementation of a significant engineering task or project?**

You could reference your ability to: Prepare budgets and associated work programmes for projects or tasks / Systematically review the factors affecting the project implementation including safety, sustainability and disposal or decommissioning considerations / Carry out a task or project risk assessment and identify mitigation measures / Lead on preparing and agreeing implementation plans and method statements / Negotiate and agree arrangements with customers, colleagues, contractors and other stakeholders, including regulatory bodies / Ensure that the information flow is appropriate and effective

#### **C2: How have you managed (organised, directed and controlled) programme or schedule, budget and resource elements of a significant engineering task or project?**

You could reference your ability to: Operate or define appropriate management systems including risk registers and contingency systems / Manage the balance between quality, cost and time / Monitor progress and associated costs and cost forecasts, taking appropriate actions when required / Establish and maintain appropriate quality standards within legal and statutory requirements / Interface effectively with customers, contractors and other stakeholders

#### **C3: How have you led teams or technical specialisms and assisted others to meet changing technical and managerial needs?**

You could reference your ability to: Agree objectives and work plans with teams and individuals / Reinforce team commitment to professional standards / Lead and support team and individual development / Assess team and individual performance and provide feedback / Seek input from other teams or specialists where needed and manage the relationship / Provide specialist knowledge, guidance and input in your specialism to engineering teams, engineers, customers, management and relevant stakeholders / Develop and deliver a teaching module at Masters level, or lead a University research programme

#### **C4: How have you brought about continuous quality improvement and promoted best practice?**

You could reference your ability to: Promote quality throughout the organisation as well as its customer and supplier networks / Develop and maintain operations to meet quality standards e.g. ISO 9000, EQFM / Support or direct project evaluation and propose recommendations for improvement / Implement and share the results of lessons learned



### Demonstrate technical and commercial leadership

(Approximately 400 words)

Within previous role at **Company B** I have led several production outage maintenance events, the most recent was a budget of £3.5m and 8000 man hours of work completed in a 6-week period. To prepare for the outage I developed and utilised a stage and gate process which included pre-planning, planning, preparing, execution, and review phases. During the preplanning phase 18 months prior to outage the preliminary work scope is developed utilising the team based on operational requirements, process requirements, projects, and planned/corrective maintenance. From the preliminary work scope and utilising experience and high-level review meetings to build preliminary outage duration, resource for planning and execution, and budget estimates to feature in the business planning.

During planning phase, the detailed work scope planning would be carried out, with regular team and strategic stakeholder meetings. Regular communications to ensure progress is meeting estimated time frames and intervening as required to meet milestones. Contractual agreements would be negotiated, created, and approved to ensure the long lead items, materials, welfare, and services are secured to complete the event. Utilising the team and procedural controls quality of work scope with technical authorities and spares procured are carefully controlled to prevent risk to success or hazard introduced to a COMAH upper tier site. During the planning phase temporary event organograms are created and role expectations are communicated along with high level schedules to ensure teams are aligned and understand the responsibilities required. During the planning phase scope creep and value engineering reviews are regularly monitored along with risk registers utilised through all stages of the project.

The preparation phase includes delivery of detailed planning, communication and preparing the site facilities for the outage.

Within the execution phase a temporary working structure is implemented and utilising strategic meetings and information updates with leading and lagging metrics are used to steer resources and schedule amendments to meet the best fit requirements of the outage. The execution stage requires regular problem solving, technical issues and human resource support. Particularly for technical based issues this would require specific disciplined technical reviews to give risk management and make effective decisions based on best outcome for HSE, process safety, plant, production, and future asset integrity. An important requirement during execution phase is maintaining effective communication as well as managing up through the organisation and stakeholders.

During the review phase, learnings are collated through all involved in the event, reviewed as a team, prioritised, and actioned to ensure a continuous improvement system is in place. Learnings are fed into the next outage pre-planning stage for review and implementation.

Also within my previous roles I have planned and executed audits for BSI ISO 9001, 14001, 18001 and 45001 as well as for COMAH HSE audits on specific technical compliance.

### Demonstrate effective communication and interpersonal skills

#### **D1: How have you communicated effectively with others, at all levels, in English?**

You could reference your ability to: Prepare reports, drawings, specifications and other documentation on complex matters / Lead, chair, contribute to and record meetings and discussions / Exchange information and provide advice to technical and non-technical colleagues / Engage or interact with professional networks

#### **D2: How have you clearly presented and discussed proposals, justifications and conclusions?**

You could reference your ability to: Contribute to scientific papers or articles as an author / Prepare and deliver presentations on strategic matters / Prepare bids, proposals or studies / Identify, agree and lead work towards collective goals

#### **D3: How have you demonstrated personal and social skills and awareness of diversity and inclusion issues?**

You could reference your ability to: Know and manage own emotions, strengths and weaknesses / Be confident and flexible in dealing with new and changing interpersonal situations / Identify, agree and work towards collective goals / Create, maintain and enhance productive working relationships and resolve conflicts / Be supportive of the needs and concerns of others, especially where this relates to diversity and inclusion

### Demonstrate effective communication and interpersonal skills

(Approximately 400 words)

Within my career I have communicated with all people at different levels, examples of these include.

- Regular meetings to which I would attend, contribute, or lead to communicate business priorities, plant and process issues occurring, technical requirements and work to meet the business needs.
- Communicate through face-to-face meetings onsite and offsite, remote video meetings, telephone calls, letters, emails, CMMS and electronic systems
- Prepare and deliver presentations for business meetings to discuss ongoing and emerging issues
- Communicate technically across multi disciplines within engineering through technical reports, technical specifications, and technical drawings
- Create and publish site rules, standards, policies, and procedures for the maintenance and engineering teams
- Engage as company representative in the best interests of the organisation with key stakeholders and at external events

Within my current role and career there are regularly technical problems to solve, often there are meetings, reports and electronic communications with key stakeholders and subject matter experts which I would lead.

A technical solution is often presented to a mixture of technical and non-technical persons through out the business and to ensure success it is best to steer the presentation at your audience and what it is you are aiming to achieve and why. For a technical solution it would include research, data analysis and design selection criteria to show how the logic of decisions made and how these link to organisational best interests or strategy.

Through my career there have been times where I have managed small and medium size teams and through experience and training continue to develop my emotional intelligence to be self-aware, empathy and ability to support interpersonal situations to resolution. Within my engineering career I have always worked to build good working relationships across business departments, business functions, industry, and professional contacts. I have attended IMechE, EEMUA, ABB and other networking and seminars to build not only my technical knowledge but build communication, contacts and appreciation of industry and developments within engineering.

Within my career I have employed team members and supported development and led people, through this I have always work with a strong principle of inclusivity and diversity and been aligned with the IMechE's code of conduct. I have followed business policy's and attended training to build my appreciation and knowledge within diversity and inclusivity.

### **Demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment**

#### **E1: How have you understood and complied with relevant codes of conduct?**

You could reference your ability to: Comply with the Code of Conduct of the IMechE / Identify aspects of the Code which are particularly relevant to your role / Be aware of the legislative and regulatory frameworks relevant to your role and how you conform to them / Lead work within the relevant legislation and regulatory frameworks, including social and employment legislation

#### **E2: How have you understood the safety implications of your role, and managed, applied and improved safe systems of work?**

You could reference your ability to: Identify and take responsibility for your own obligations and ensure that others assume similar responsibility for health, safety and welfare issues / Ensure that systems satisfy health, safety and welfare requirements / Develop and implement appropriate hazard identification and risk management systems and culture / Manage, evaluate and improve these systems / Apply a sound knowledge of health and safety legislation, for example HASAW 1974, CDM regulations, ISO 45001 and company safety policies

#### **E3: How have you understood the principles of sustainable development and applied them in your work?**

You could reference your ability to: Operate and act responsibly, taking into account the need to progress environmental, social and economic outcomes simultaneously / Provide products and services which maintain and enhance the quality of the environment and community, and meet financial objectives / Recognise how sustainability principles (as defined in the Engineering Council's Guidance on Sustainability) can be applied in your day-to-day work / Understand and secure stakeholder involvement in sustainable development / Use resources efficiently and effectively in all activities / Take action to minimise environmental impact in your area of responsibility

#### **E4: How have you carried out and recorded Continuing Professional Development (CPD) necessary to maintain and enhance competence in your own area of practice?**

You could reference your ability to: Undertake reviews of your 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: How have you understood the ethical issues which may arise in your role and carried out your responsibilities in an ethical manner?**

You could reference your ability to: Understand the ethical issues that you may encounter in your role; give an example of where you have applied ethical principles as described in the Engineering Council's Statement of Ethical Principles / where you have applied or upheld ethical principles as defined by your organisation or company

### **Demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment**

(Approximately 400 words)

Through my engineering career to date I have complied with the relevant codes applicable to my role such as within COMAH or CDM during projects/outages. As part of building competency for my role in each industrial sector I seek out what codes of practice, legislative and regulatory compliance is required to be met by myself and build my knowledge, skills, and experience. I have led maintenance and engineering teams and ensure that technical compliance is met throughout engineering activities to ensure safety of onsite and offsite people and environment. Since joining the IMechE I have reviewed the codes of conduct and my ethical conduct is aligned with the four principles throughout my career.

I have always had a strong commitment to health, safety and environmental within my engineering career, having worked in high hazard environments and setting people to work the HSE is paramount importance. I have performed roles as acceptor of safe systems of work, building this competency by understanding the knowledge and skills required from internal and external requirements and build experience. I would ensure hazards are fully assessed, discuss task in detail and ensure sufficient risk assessments and method statements are in place, perform safety kick off with team members to ensure they are aware of hazards and control measure I have implemented to keep them safe and audits to maintain that they are sustained. I have previously performed role as safety advocate within an organisation and supported steering groups for safety including safe systems of work and the updating of policies and procedures.

I have strong alignment to principles of sustainability and environmental impacts, choosing engineering within the UK's largest renewable electricity generator. I have previously led the project to identify safety critical equipment and manage these into asset management within a chemical plant, these are based on process safety with major accident hazards and major accident threats to the environment under COMAH upper tier. I have worked closely with organisation environmental policies and along with the IMechE codes of conduct "Engage responsibly with the Environment" and the engineering council. Example of myself challenging environmental standards has been as responsible engineer for industrial chiller plant operating on R507, I created technical justification and projects to accelerate the phase out to lower and non-global warming potential gases ahead of legislative requirements.

Within my career I have utilised personal development plans to understand my career aims, what my strengths and weaknesses are and plan how I can develop. I have not only focussed on gaining further academic and technical qualifications but also the exposure to other industries, move outside my comfort zone and develop new skills and experience from secondments or additional work. I routinely review my PDP and understand as I develop what inspires myself, recalibrate my aims and plans to achieve my goals. I record my PDP's routinely and record evidence of what I have learned and been exposed to through my career. I have supported and developed others from apprentice to leadership roles by building confidence, supporting development plans, and following through on my commitments.

As an engineer I have always had strong ethics which align naturally with IMechE codes of conduct and engineering council ethics principles whether it is an organisational interaction or external. Working within high hazard and high potential industries with high severity to life and environment clear and strong ethics are required, these include honesty, integrity, HSE compliance for public and business and meticulous and sustained diligence in my work. I always make myself aware of an organisational ethics policy and adhere to these during my work in a professional manner.

## Section 3: Your organisation chart

We need to see an organisation chart of your current employment which clearly shows your position within the organisation, any direct reports that you have, specifically mentioning if any of your direct reports are registered engineers. You should put a ring around your position to highlight it. Please ensure that it is A4 and legible in black and white.

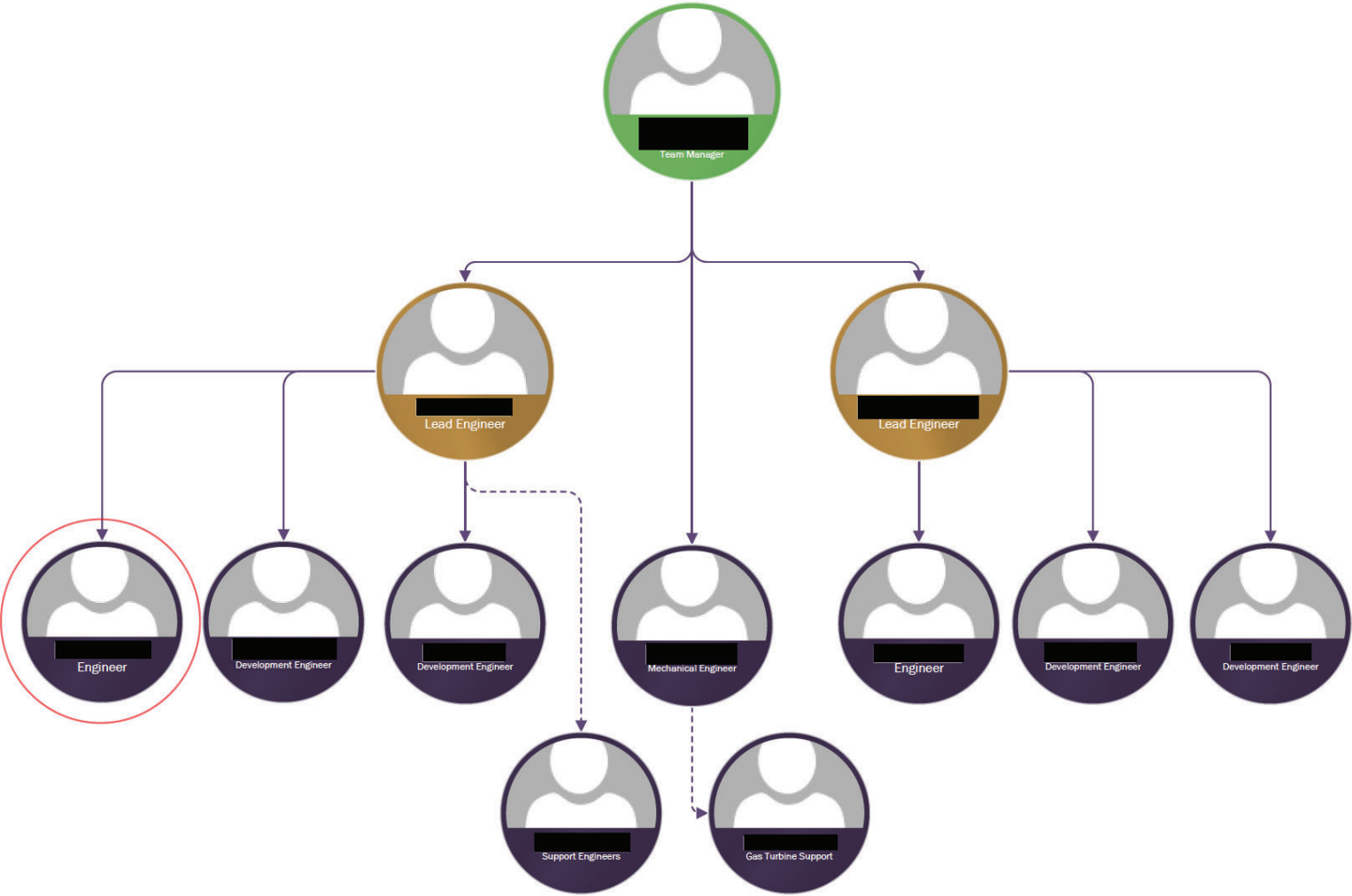
The purpose of the organisation chart is to help us understand the size and type of organisation for which you work, and where your own personal accountability lies. This will give us a sense of the likely responsibility and authority your role conveys and will help us frame questions for your interview.

**If you are not part of an organisation, please fill out the fields below.**

### For applicants who are not part of an organisation

Please describe your direct clients.

Please describe who you report to (e.g. Board, CEO, MD, Head of Engineering).



## Section 4: Development action plan

Your development as an engineer will never stop; as a registered engineer and a member of IMechE you must make a commitment to keep up to date with the profession. This section lets us know what you plan to do over the next few years.

Your responses should tell us where you are now, where you want to be, and how you plan to get there. Some things you might want to consider include:

- Work-based learning
- Distance learning
- Special work projects
- Writing technical papers
- Mentoring
- Voluntary work
- IMechE activity or committee work
- Visiting schools to promote engineering
- Seminar/conference presentations
- Any relevant course
- Private study

**Keep your goals short and concise. Each answer should be no longer than 50 words – that's 150 in total.**

### Short term goals: 6-12 months

- Build base of Turbine and General Engineering Knowledge
- Learn and be converse in DPL project management through exposure
- Progress into CEng from IEng with IMECHE
- APM Training
- Engagement within GENSIP and EEMUA
- Support STEM Program / School and community involvement

### Medium term goals: 12-24 months

- Project Lead role on Medium to Large projects
- Begin leadership development programmes
- Become a subject matter expert within turbine pressure systems
- Lead Engineer Role with business
- Support IMechE STUG
- Mentoring of development engineers/graduates

### Long term goals: 2-5 years

- MSc/MEng in Engineering Discipline
- Develop within management/leadership role