CHARTERED INSTITUTE OF POWER ENGINEERS OF NIGERIA.

CHARTERSHIP AND PROFESSIONAL QUALIFICATIONS REQUIREMENT: A Pathway to Prestigious Recognition.

The Chartered Institute of Power Engineers of Nigeria, a pivotal institution in the power engineering practice, is entrusted with the crucial role of setting and maintaining the professional qualifications and requirements for power engineers in Nigeria. This responsibility, mandated by its Establishment Act No 50, 2023 (LFRN), empowers the Institute to regulate, control, and determine the standards of knowledge, skills, and competencies by people seeking to become Chartered Powered Engineers; and, for related matters, determine what standards and skill to be attained by persons seeking to become members of the power engineering profession and raising those standards as circumstances may permit. The jurisdiction encompasses ensuring compliance with professional ethics and conduct and compelling synergy between academia and industry to foster innovations, research, and development in line with best international practices. As a power systems engineer, this ensures you are guided by the highest professional standards, giving you a sense of security in your career path. There are seven professional practice licenses, namely,

1. Chartered Power Engineer (CPEng)
2. Senior Professional Power Engineer (SPPEng)
3. Professional Power Engineer (PPEng)
4. Associate Power Engineers (APEng)
5. Professional Power Technologist (PPT)
6. Certified Power Technician (CPT)
7. Certified Power Craftsperson (CPC)

CHARTERED POWER ENGINEER (CPEng)

Becoming a Chartered Power Engineer is not an easy feat. It requires dedication, expertise, and a commitment to excellence. As a Power Systems Engineer in Nigeria, this is a status that you can aspire to, a testament to your dedication and expertise in the field. To achieve this, you must pass the Chartered Power Engineers (CFE) Professional Final Examination, a rigorous test of your knowledge and skills in leadership, management, financial and industry markets.

Chartered Power Engineers shall demonstrate:

a) Strong theoretical knowledge of solving problems in new and established technologies and developing new analytical techniques.
b) As a Chartered Power Engineer, you must apply your professional management and technical knowledge to deliver innovative products and services. This includes taking on the technical responsibility for complex power engineering systems, which could involve designing, implementing, and maintaining these systems. This showcases your diverse skills and responsibilities, from understanding the technical aspects of power engineering systems, energy economics, market operations, and commercial engineering to managing the team responsible for its operation and organization.
c) Responsibility for the financial and planning aspects of projects, sub-projects, or tasks, which is crucial for ensuring the successful implementation of power engineering solutions within budget and on schedule.
d) Possession of strategic business knowledge, which includes understanding market trends, identifying business opportunities, and making recommendations regarding complex strategic decisions, all with a long-term focus.
e) Average-strong knowledge of finance and accounting means having a solid understanding of financial principles, the ability to interpret financial statements, and the skills to manage project budgets effectively.
f) Strong organization and partnering Skills
g) As Chartered Power Engineers, you are not just professionals but also ambassadors of our profession, responsible for shaping its future and maintaining its high standards. This role should fill you with a sense of ownership and empowerment, knowing that your contributions are instrumental in advancing the power engineering profession in Nigeria. This sense of responsibility and pride in your role as an ambassador should motivate you to uphold the profession's highest standards.
h) Effective interpersonal skills in communicating technical matters (oral and written), which include the ability to explain complex technical concepts clearly and concisely and to write technical reports and proposals that non-technical stakeholders easily understand.
i) Ability to analyze and synthesize information concisely and recommend strategies to resolve technical, policy and political issues.

j) Ability to deal with political issues in a highly matrixed environment means navigating complex organisational structures, managing competing interests, and finding solutions acceptable to all stakeholders.
k) Astute knowledge and application of project management systems, including understanding different project management methodologies, developing and managing project schedules, and identifying and mitigating project risks.
l) Understanding of their work's safety and sustainability implications, seeking to improve aspects where feasible.
m) Understand the ethical issues that may arise in their role and carry out their responsibilities ethically
n) Unwavering commitment to professional engineering values, ethics, and conduct is not just a requirement but a cornerstone of our profession. It is a responsibility we all share and must uphold. This commitment is not just about following rules but about understanding the impact of our work on society and the environment and making ethical decisions that prioritise their well-being.

The Competence and Commitment Standards for Chartered Power Engineers, a cornerstone of our profession, are not just guidelines but the very essence of what our profession stands for. They define the highest level of competence and commitment that our profession demands, and adhering to them is a testament to your dedication and professionalism.

Chartered Engineers must be competent throughout their working life by their education, Training, and experience in the following ways:

a. Knowledge and understanding

Chartered Power Engineers shall use a combination of general and specialist engineering knowledge and understanding to optimize the application of advanced and complex systems.

b. Design, develop, and solve engineering problems.

Chartered Engineers shall apply appropriate theoretical and practical methods to analyze and solve engineering problems.

c. Responsibility, management and leadership

Chartered Engineers shall provide technical and commercial leadership.

d. Communication and interpersonal skills

Chartered Engineers shall demonstrate effective communication and interpersonal skills.

e. Personal and professional commitment

Chartered Engineers shall demonstrate a personal commitment to professional standards, recognising obligations to society, the profession, and the environment.

Requirements

1. A minimum master's degree in a range of specialised fields, including electrical engineering, Mechanical Engineering (Energy Systems Engineering or Thermofluids Engineering Specialisation), Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation/experience in designing power system engineering structures, Dams and Hydraulic Structures), Renewable Energy & Systems Engineering.
2. Additionally, you must pass the Chartered Power Engineers (CFE) Professional Final Examination with a credit. This examination is a comprehensive test of your knowledge and skills in power engineering, and passing it demonstrates your readiness to take on the responsibilities of a Chartered Power Engineer
3. At least fifteen (15) post-qualification years (post minimum qualification) of comprehensive and diverse experience in the Power Sector, whether in an Industrial, Academic, or Consultancy Setting. As part of your application, you are required to submit a Technical Report cataloguing your professional experience. This report should be written in prose and highlight your project roles and responsibilities and the impact of such projects in the Nigerian economy or elsewhere. It's important to note that this report is not a narrative of your CV but a detailed account of your professional journey in the power sector.

OR

1. BEng or its equivalent + CPE1 Certification
2. Minimum of 15 years of relevant Power Sectoral Industrial Experience COREN Registration
3. COREN Registration

EXAMINATION

1. Submission of technical report cataloging candidates' professional experience in prose, highlighting projects and roles and the impact of each project on the Nigerian economy or elsewhere. Current Status of each project. Leadership Roles Occupied and Responsibilities. Candidates should avoid narrating CVs. Note (Drawings attached as appendix and duly cited, No picture or links to videos)

2. Minimum of three (3) publishable papers in a peer-reviewed journal relating to contemporary issues in NESI and power systems Engineering.

3. Three (3) conference papers in Project Finance/Review of Electricity Acts/Establishment Acts/Energy/Procurement/Critique of Sectoral Policy/ Power Sector Codes.

4. Accounting for Non-Accountants & Business Law

5. Power System Economics

6. Organisational and Behavioural Management

7. Financial Management

8. Finance & Data Analysis for Managers

Candidates with an MBA/MSc in Economics shall be exempted from the 4, 6 & 7 courses.

Waivers Requirements

A minimum BEng or its equivalent in electrical engineering, Mechanical Engineering (Energy Systems Engineering or Thermofluids Engineering Specialisation), Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation/experience in designing power system engineering structures, Dams, and Hydraulic Structures), Renewable Energy & Systems Engineering,

1. Thirty (30) years minimum of Industrial/Consultancy Experience.
2. Submission of Technical Report cataloguing candidates' professional experience in prose highlighting project roles and responsibilities. The impact of such projects in the Nigerian economy or elsewhere. Candidates should avoid narrating CVs
3. Three (3) conference papers in Project Finance/Review of Electricity Acts/Establishment Acts/Energy Policies/ Power Sector Codes.

COREN Registration

OR

1. A minimum BEng or it's equivalent in electrical engineering, Mechanical Engineering (Energy Systems Engineering or Thermofluids Engineering Specialisation), Power Systems Engineering, Transmission and Distribution Engineering, Civil

Engineering (Specialisation/experience in designing power system engineering structures, Dams, and Hydraulic Structures), Renewable Energy & Systems Engineering

2. Minimum twenty (20) post-qualification years (post minimum qualification) of comprehensive and diverse experience in the Power Sector, whether in an Industrial, Academic, or Consultancy Setting.
3. Verifiable C-Suite Leadership Level experience of any sectoral/industry MDA/Corporate Organisation
4. Submission of Technical Report cataloguing candidates' professional experience in prose highlighting project roles and responsibilities. The impact of such projects in the Nigerian economy or elsewhere. This experience should be diverse and comprehensive, covering a range of roles and responsibilities in different settings, highlighting project roles and responsibilities, and highlighting the impact of such projects on the Nigerian economy or elsewhere. Candidates should avoid narrating CVs.
5. Three (3) conference papers in Project Finance/Review of Electricity Acts/Establishment Acts/Energy/Procurement/ Critique of Sectoral Policy/ Power Sector Codes.
6. COREN Registration

Note: ***Candidates must be*** **at least** ***50 years old before applying for a waiver***.

Exemption Requirements

1. Foreign Chartered Engineering Certification equivalent to CPEng Qualification, Registered Chartered Engineer (CEng), Licensed Professional Engineer (PE) in the US. Australian CPEng, etc., obtained with reference to a basic Degree in Electrical Engineering, Mechanical Engineering (Energy Systems Engineering or Thermofluids Engineering Specialisation), Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation/experience in designing power system engineering structures, Dams and Hydraulic Structures), Renewable Energy & Systems Engineering
2. Minimum fifteen (10) years of relevant Power Sectoral Industrial/Academic/Consultancy Experience: Submission of Technical Report cataloguing candidates' professional experience in prose highlighting. This experience should be diverse and comprehensive, covering a range of roles and responsibilities in different settings, highlighting project roles and responsibilities—the impact of such projects in the Nigerian economy or elsewhere. Candidates should avoid narrating CVs.
3. Minimum of three (3) publishable papers in a peer-reviewed journal relating to contemporary issues NESI and power system Engineering.

4. Three (3) conference papers in Project Finance/Review of Electricity Acts/Establishment Acts/Energy/Procurement/ Critique of Sectoral Policy/ Power Sector Codes.
5. COREN Registration.

This experience should be diverse and comprehensive, covering a range of roles and responsibilities in different settings.

Practice Licensing Activation fee - 150,000

Annual Practicing Licence Renewal - 30,000

Professional Seal - 50,000

Stamp - 10,000

Certificate - 100,000

SENIOR PROFESSIONAL POWER ENGINEER (SPPEng)

Senior Professional Power Engineers, with their comprehensive and diverse experience, maintain and manage current and developing technology applications. They may undertake engineering design, development, manufacture, construction, and operation, showcasing their skills.

Senior Professional Power Engineers shall demonstrate:

a) The application of theoretical knowledge to solve problems in power systems using well-proven analytical techniques.
b) Successful application of power engineering knowledge and skills to deliver power projects or services using established technologies and project management methods
c) Contribute to projects or tasks' financial and planning aspects and lead and develop other professional staff.
d) Good understanding and application of programme management knowledge and techniques in delivering multiple power projects
e) Effective interpersonal skills in communicating technical matters.
f) The ability to specify and operate safe systems of work and to demonstrate appropriate consideration of the principles of sustainability
g) Practical application of project management methodologies in delivering products and outcomes.
h) Understand the ethical issues that may arise in their role and carry out their responsibilities in an ethical manner
i) Commitment to professional engineering values, ethics and conduct.

The Competence and Commitment Standards for Senior Professional Power Engineers outline the knowledge, skills, and attributes they are expected to possess and demonstrate throughout their careers. They reflect the high standards of the profession and the commitment to excellence expected of all Senior Professional Power Engineers.

Chartered Engineers must be competent throughout their working life by their education, Training and experience in the following ways:

1. **Knowledge and understanding**
   Chartered Power Engineers shall use a combination of general and specialist engineering knowledge and understanding to optimise the application of advanced and complex systems.

2. **Design, develop and solve engineering problems.**
   Chartered Engineers shall apply appropriate theoretical and practical methods to analyse and solve engineering problems.
3. **Responsibility, management and leadership**

Chartered Engineers shall provide technical and commercial leadership.

4. **Communication and interpersonal skills**

   Chartered Engineers shall demonstrate effective communication and interpersonal skills.
5. **Personal and professional commitment**

Chartered Engineers shall demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment.

Requirements

1. A minimum BEng or its equivalent in Electrical Engineering, Mechanical Engineering (Energy Systems Engineering or Thermofluids Engineering Specialisation), Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation/experience in designing power system engineering structures, Dams and Hydraulic Structures), Renewable Energy & Systems Engineering
2. At least twelve (12) post-qualification years (post minimum qualification) of comprehensive and diverse experience in the Power Sector, whether in an Industrial, Academic, or Consultancy Setting.
3. COREN Registration

OR

1. A minimum first degree in Electrical Engineering, Mechanical Engineering, Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation in Dams and Hydraulic Structures), Renewable Energy & Systems Engineering **+ Credit in Professional Power Engineers Professional (CPE2) Certification Examination**
2. **Credit in Senior Power Professional Engineers (CPE1) Professional Examination**
3. At least fifteen (15) years post-qualification (post minimum qualification) of comprehensive and diverse experience in the Power Sector, whether in an Industrial, Academic, or Consultancy
4. COREN Registration

Practice Licensing Activation fee - 112,500

Annual Practicing Licence Renewal - 25,000

Professional Seal - 50,000

Stamp - 10,000

Certificate - 100,000

PROFESSIONAL POWER ENGINEER (PPEng)

Senior Professional Power Engineers, with their comprehensive and diverse experience, maintain and manage current and developing technology applications. They may undertake engineering design, development, manufacture, construction, and operation, showcasing their skills.

Professional Power Engineers shall demonstrate:

a) Successful application of power engineering knowledge and skills to deliver power projects or services using established technologies and project management methods
b) Good understanding and application of programme management knowledge and techniques in delivering multiple power projects
c) Effective interpersonal skills in communicating technical matters.
d) The ability to specify and operate safe systems of work and to demonstrate appropriate consideration of the principles of sustainability
e) Practical application of project management methodologies in delivering products and outcomes.
f) Understand the ethical issues that may arise in their role and carry out their responsibilities in an ethical manner
g) Commitment to professional engineering values, ethics, and conduct.

The Competence and Commitment Standards for Professional Power Engineers

Professional Power Engineers must be competent throughout their working life through their education, Training, and experience in the following ways:

The Competence and Commitment Standard for Professional Power Engineers

a. **Knowledge and understanding**
   Professional Power Engineers shall use a combination of general and specialist engineering knowledge and understanding to apply existing and emerging technology.

b. **Design, develop, and solve engineering problems.**
   Professional Power Engineers shall apply appropriate theoretical and practical methods to design, develop, manufacture, construct, commission, operate, maintain, decommission, and recycle engineering processes, systems, services, and products.

c. **Responsibility, management and leadership**

Professional Power Engineers shall provide technical and commercial management.

d. **Communication and interpersonal skills**
   Professional Power Engineers shall demonstrate effective communication and interpersonal skills.

e. **Personal and professional commitment**
   Professional Power Engineers shall demonstrate a personal commitment to professional standards and recognising obligations to society, the profession, and the environment.

Requirements (Option A)

1. A minimum first degree in Electrical Engineering, Mechanical Engineering, Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation in Dams and Hydraulic Structures), Renewable Energy & Systems Engineering +
2. At least ten (10) years post-qualification relevant and verifiable power sector/industry experience power sector/industry experience.

   OR

   Credit in CIPEN Professional Power Engineers (CPE2) Certification Examination + Minimum seven (7) years of verifiable power sector/industry experience power sector/industry experience.
3. COREN Registration

Requirements (Option B)

1. **Credit in Associate Power Engineers Professional (CPE3) Certification Examination.**
2. At least ten (12) years post-qualification relevant and verifiable power sector/industry experience power sector/industry experience.
3. COREN Registration

Practice Licensing Activation fee - 97,500

Annual Practicing Licence Renewal - 20,000

Professional Seal - 50,000

Stamp - 10,000

Certificate - 100,000

ASSOCIATE POWER ENGINEER (APEng)

Associate Power Engineers maintain and operate power systems and related technological installations and may undertake the construction of power engineering projects under the supervision of a Professional Power Engineer.

Associate Professional Power Engineers shall demonstrate:

a. Ability to explain the working and operation principles of power generating and electrical power machines, applicable in key sectoral power value chain
b. The ability to specify and operate safe systems of work and to demonstrate appropriate consideration of the principles of sustainability
c. Effective interpersonal skills in communicating technical matters
d. Practical application of project management methodologies in delivering products and outcomes.
e. Understand the ethical issues that may arise in their role and carry
f. out their responsibilities in an ethical manner
g. Commitment to professional engineering values, ethics, and conduct.

The Competence and Commitment Standards for Associate Power Engineers

Associate Power Engineers must be competent throughout their working life by their education, Training, and experience in the following ways:

a. Knowledge and understanding
Associate Power Engineers shall use a combination of general and specialist engineering knowledge and understanding to apply existing and emerging technology.

b. Design, develop, and solve engineering problems.
Associate Power Engineers shall apply appropriate theoretical and practical methods to operate, maintain and recycle engineering processes, systems, services and products.

c. Responsibility, management and leadership
Associate Power Engineers shall accept and exercise personal responsibility.

d. Communication and interpersonal skills
Associate Power Engineers shall demonstrate effective communication and interpersonal skills.

e. **Personal and professional commitment**
Associate Power Engineers shall demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment.

Requirements (Option A)

1. Degree or HND (**Distinction)** in Electrical Engineering, Mechanical Engineering, Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation in Dams and Hydraulic Structures), Renewable Energy, & Systems Engineering with

2. Minimum of 3 years of verifiable post-qualification relevant power sector/industry experience.

OR

Credit in Associate Power Engineers Professional (CPE3) Certification Examination with a Minimum of 5 years of verifiable post-qualification relevant power sector/industry experience.

Requirements (Option B)

1. Pass or Third Class Degree OR **HND certificate/NSQ level 7** in Electrical Engineering, Mechanical Engineering, Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation in Dams and Hydraulic Structures), Renewable Energy, & Systems Engineering with

2. Minimum of 5 years of verifiable post-qualification relevant power sector/industry experience.

Requirements (Option C)

HND with a PGD in Electrical Engineering, Mechanical Engineering, Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation in Dams and Hydraulic Structures), Renewable Energy & Systems Engineering with a Minimum of 5 years of verifiable post-qualification relevant to power sector/industry experience

Practice Licensing Activation fee - 97,500

Annual Practicing Licence Renewal - 20,000

Professional Seal - N/A

Stamp - N/A

Certificate - 100,000

PROFESSIONAL POWER TECHNOLOGIST (PPT)

Professional power technologists maintain and manage current and developing technology applications and may participate as support in engineering design, development, manufacturing, and capability of executing limited power engineering construction projects and operations.

Professional Power Technologists shall demonstrate:

a) Successfully applying power engineering knowledge to deliver power projects or services using established technologies and project management methods.
b) Ability to explain/demonstrate theoretical and operational working principles of power generating and electrical power machines, applicable in key sectoral power value chain
c) The ability to specify and operate safe systems of work and to demonstrate appropriate consideration of sustainability principles.
d) Effective interpersonal skills in communicating technical matters
e) Practical application of project management methodologies in delivering products and outcomes.
f) Understand the ethical issues that may arise in their role and carry out their responsibilities ethically.
g) Commitment to professional engineering values, ethics and conduct

The Competence and Commitment Standards for Professional Power Technologists

Certified Power Technologists must be competent throughout their working life by their education, Training and experience in the following ways:

The Competence and Commitment Standards for Professional Power Technologists

a. **Knowledge and understanding**
   Certified Power Technologists shall use a combination of general and specialist power engineering knowledge and understanding to apply existing and emerging technology.

b. **Design, develop and solve engineering problems.**
   Certified Power Technologists shall apply appropriate theoretical and practical methods to construct, commission, operate, maintain, decommission and recycle engineering processes, systems, services and products.

c. **Responsibility, management and leadership**
   Certified Power Technologists shall provide technical management.

d. **Communication and interpersonal skills**
   Professional Power Engineers shall demonstrate effective communication and interpersonal skills.

e. **Personal and professional commitment**
   Certified Power Technologists shall demonstrate a personal commitment to professional standards recognising obligations to society, the profession and the environment.

Requirements (Option A)

HND **Distinction/Upper Lower Credit** in Electrical Engineering, Mechanical Engineering, Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation in Dams and Hydraulic Structures), Renewable Energy & Systems Engineering with two years verifiable post-qualification relevant power sector/industry experience.

OR

Credit in Professional Power Technologist Professional (CPE4) Certification Examination with a minimum of five (5) years of Industrial Experience.

Requirement (Option B)

HND Pass/NSQ Level 6 in Electrical Engineering, Mechanical Engineering, Power Systems Engineering, Transmission and Distribution Engineering, Civil Engineering (Specialisation in Dams and Hydraulic Structures), Renewable Energy & Systems Engineering with five years verifiable post-qualification relevant power sector/industry experience.

Practice Licensing Activation fee - 60,000

Annual Practicing Licence Renewal - 20,000

Professional Seal - N/A

Stamp - N/A

Certificate - 100,000

CERTIFIED POWER TECHNICIAN (CPT)

Certified Power Technicians (CPT) apply proven techniques and procedures to the solution to practical Power engineering problems.

Engineering Technicians shall demonstrate the following:

a) Engineering knowledge and understanding to apply technical and practical skills.
b) Evidence of their contribution to the design, development, manufacture, commissioning, decommissioning, operation, or maintenance of products, equipment, processes or services.
c) Supervisory or technical responsibility.
d) Effective interpersonal skills in communicating technical matters.
e) The ability to operate according to safe systems of work and demonstrate an appropriate understanding of sustainability principles.
f) Understand the ethical issues that may arise in their role and carry out their responsibilities in an ethical manner.
g) Commitment to professional engineering values, ethics and conduct

The Competence and Commitment Standards for Certified Power Technicians

Certified Power Technicians must be competent throughout their working life through their education, Training, and experience in the following ways:

a. Knowledge and understanding
Certified Power Technicians shall use engineering knowledge and understanding to apply technical and practical skills.

b. Design, development, and solving engineering problems.
Certified Power Technicians shall contribute to the design, development, manufacture, construction, commissioning, decommissioning, operation, or maintenance of products, equipment, processes, systems, or services.

c. Management and leadership.
Certified Power Technicians shall accept and exercise personal responsibility

d. Communication and interpersonal skills
Certified Power Technicians shall use effective communication and interpersonal skills.

e. Personal and professional commitment

Certified Power Technicians shall demonstrate a personal commitment to an appropriate code of professional conduct, recognising obligations to society, the profession, and the environment.

Requirements

ND-Pass/C&G Final/WAEC/NABTEB/ NSQ Level 5 in Electrical/Mechanical/Civil Engineering and any other related technical disciplines and qualification(s) approved by the CIPEN Council + relevant cognate practical verifiable hands-on experience. verifiable

OR

Credit in Certified Power Technician Professional (CPE5) Certification Examination + relevant cognate practical verifiable hands-on experience.

Practice Licensing Activation fee - 37,500.00

Annual Practicing Licence Renewal - 20,000

Professional Seal - N/A

Stamp - N/A

Certificate - 80,000

CERTIFIED POWER CRAFTSMAN (CPC)

Certified Power Craftsman (CPC) apply proven techniques and procedures to
the solution to practical Power engineering problems.

Certified Power Craftsman shall demonstrate the following:

6. Understanding how to apply technical and practical skills.
7. Evidence of their contribution to manufacturing, commissioning, decommissioning, operation or maintenance of products, equipment, processes or services.
8. Ability to communicate technical matters and develop interpersonal skills.
9. The ability to operate according to safe systems of work and demonstrate an appropriate understanding of sustainability principles.
10. Understand the ethical issues that may arise in their role and carry out their responsibilities ethically.
11. Commitment to professional engineering values, ethics and conduct

The Competence and Commitment Standards for Certified Power Technicians

Certified Power Craftsman must be competent throughout their working life by their education, Training and experience in the following ways:

a) **Knowledge and understanding**

Certified Power Craftsman shall use engineering knowledge and practical skills.

b) **management and leadership**

Certified Power Craftsman shall accept and exercise personal responsibility

c) **Communication and interpersonal skills**

Certified Power Craftsman shall use effective communication and

interpersonal skills.

d) **Personal and professional commitment**

Certified Power Craftsman shall demonstrate a personal commitment to an appropriate code of professional conduct, recognising obligations to society, the profession, and the environment.

Requirement(s)

C&G / FML&P Trade 1, NABTEB, NSQ Levels 2-4

OR

Credit in Certified Power Technician Professional (CPE6) Certification Examination
OR
Credit in Certified Power Technician Professional (CPE6) Certification Examination

Practice Licensing Activation fee - 25,000

Annual Practicing Licence Renewal - 20,000

Professional Seal - N/A

Stamp - N/A

Certificate - 50,000

CONDITIONS FOR EXAMINATIONS

1. Each Examination Stage is a Distinct Professional Certification Stage.
2. Candidates may continue to other stages IF desirous of becoming a Chartered Professional Engineer (CPEng)
3. Each Examination Stage takes two LEVELS- Level 1 &Level 11(Final), except CFE.
4. ALL candidates MUST pass ALL Level 1 courses before proceeding to the Level 11 or FINAL `stage.
5. Levels 1 &11 MUST be completed UNDER 24 months (inclusive of 6 Months- on-site Training)

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QUALIFICATION KEY

- MEng/MSc -Master of Engineering Degree

- BEng/BSc/BTech-Bachelor of Engineering Degree
- HND-Higher National Diploma
- ND-National Diploma
- C&G -City & Guilds Final
- WASC-West African School Certificate
- NABTEB – National Business and Technical Examination Board.
- NSQ 1-7 -National Skill Qualification 1-7

EXAM CODE/PROFESSIONAL EXAMINATION TYPE / QUALIFICATION

1. CFE/Chartered Power Engineer Professional Certification Examination/CPEng
2. CPE1/Senior Professional Power Engineer Professional Certification Examination/SPPEng
3. CPE2/Professional Power Engineers Professional Certification Examination/PPEng
4. CPE3/Associate Power Engineers Professional Certification Examination/APEng
5. CPE4/Professional Power Technologist Professional Certification Examination/PPT
6. CPE5/Certified Power Technician Professional Certification Examination/CPT
7. CPE6/Certified Power Craftsperson Professional Certification Examination/CPC

FE/Foundation Examination/FE

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