

Cathodic Protection (CP) Application Engineer

Patras, Greece

Full-time

-Job Description-

A. Your responsibilities

Are you a Cathodic Protection (CP) Engineer passionate about driving innovation in corrosion prevention? Do you want to bridge the gap between industry needs, cutting-edge simulation tools, and research advancements? Then this is the perfect opportunity for you!

Take Part!

FEAC Engineering is looking for a Cathodic Protection (CP) Engineer to join its technical team at its state-of-the-art offices in Patras, Greece. This role will be at the intersection of industrial projects, research initiatives, and software development, contributing to both client-driven projects and the ongoing enhancement of PITHIA-CP, FEAC's flagship CP simulation software. As part of the team you will:

1) Lead Industrial CP Projects & Client Engagement:

- Engage with clients to understand their corrosion protection needs and challenges.
- Present FEAC's expertise and PITHIA-CP's capabilities in meetings and demonstrations.
- Prepare technical proposals, feasibility studies, and cost-benefit analyses for industrial projects.
- Provide consultancy services for CP system design and optimization in sectors such as oil & gas, maritime, renewables, and infrastructure.

2) Drive Research & Innovation in CP Engineering:

- Monitor market trends, new developments, and key players in the CP industry.
- Identify opportunities for FEAC to participate in EU-funded & collaborative research projects.
- Contribute to the preparation of technical proposals for research grants and international R&D consortia.

3) Enhance PITHIA-CP & Support its Development:

- Provide expert feedback to the software development team to improve usability, accuracy, and efficiency.
- Prepare test cases and validation applications to ensure high-fidelity CP simulations.
- Develop tutorials, articles, and documentation to support end-users.

- Conduct webinars, technical presentations, and training sessions for industry professionals.

B. **Your profile**

→ Skills/Experience

Required:

- Strong background in CP engineering, with hands-on experience in CP system design, operation, and maintenance.
- Proficiency in CP codes & standards (e.g., DNVGL-RP-B101, ISO 15589, AMPP/NACE).
- Experience in technical consulting and proposal writing for industrial and research projects.
- Ability to engage with clients, understand their needs, and propose technical solutions.
- Strong communication skills for presentations, training, and webinars.
- Fluent in English (spoken & written).

Valuable:

- Experience with **CP simulation software** (PITHIA-CP, BEASY, ELSYCA, COMSOL).
- Familiarity with **numerical modeling principles** (Boundary Element Method (BEM), Finite Element Method (FEM)).
- Technical writing & publication experience (scientific papers, technical articles).

Eligibility criteria:

- You have a professional background in **Materials Science, Chemical Engineering, Mechanical Engineering** (or a related field) and have either:
 - a Master's degree (or 5-years study) or PhD with min. 5 years of post-graduation professional experience;
 - Candidates must have **fulfilled their military service obligations** (if applicable).

C. **Additional Information**

Contract duration: 36 months, with the potential for a permanent contract extension (depending on results/efficiency).

This position involves:

- Working with strict deadlines.
- Managing multiple tasks / projects simultaneously.
- Drafting & contributing to project proposals.
- Travelling for meetings, conferences, and exhibitions.

D. **What We Offer**

- Competitive salary package (based on proven experience & results/efficiency).
- Continuous professional development through hands-on training & exposure to state-of-the-art software tools.
- Collaboration with global leaders in engineering simulation and digital twin technologies.



- Opportunities for travel to international conferences and industry exhibitions.
- A dynamic, innovation-driven work environment in brand-new facilities.
- Life insurance coverage for added security and peace of mind.
- Supermarket vouchers as part of our employee benefits program.

E. About Us

At FEAC Engineering, we are at the forefront of physics-based simulations, Digital Twin technology, AI-driven engineering solutions, and digitalization strategies, revolutionizing industrial innovation through cutting-edge computational methods. Since our founding in 2014, FEAC has evolved into a global leader in Simulation-Driven Product Development and advanced digital solutions, collaborating with some of the most renowned industry giants across sectors such as aerospace, maritime, energy, and defense.

FEAC's dedication to innovation and excellence has been acknowledged at the highest levels. The company has been awarded the Seal of Excellence by the European Commission, recognizing its significant contribution to cutting-edge European research and development. Additionally, FEAC has received the prestigious European Defence Agency (EDA) Innovation Prize, further solidifying its leadership in advanced engineering solutions.

At FEAC, we don't just follow the industry—we redefine it. Join us in shaping the future of digital engineering, expanding our global industrial collaborations, and leading the transformation of high-tech industries worldwide.

Ready to take your career to the next level? Apply now and become part of FEAC's team!