sustainable projects
for a changing world

JOB TITLE

CONSTRUCTION INGINEER – INDUSTRIAL STRUCTURAL SYSTEMS; COR CODE: 214201

JOB TYPE

Full-time, on-site at CCEM headquarters, Bucharest – District 1, 13 Grigore Mora Str.

SHORT ROLE DESCRIPTION

The Structural Engineer is responsible for the design and/or verification of structural systems for industrial buildings.

This role plays a key part in coordinating structural works and ensuring compliance with applicable technical standards and legal regulations.

The position contributes significantly to multidisciplinary projects by delivering safe and technically optimized structural solutions.

MAIN RESPONSIBILITIES

- Preparing technical documentation (FS, Building Permits, Basic-Detail Designs) for structural systems;
- Performing structural calculations and structural modelling using specialized software;
- Verifying the stability, strength, and stiffness of designed structures;
- Coordinating the structural discipline with other specialties (architecture, HVAC, etc.);
- Evaluating alternative structural solutions from both technical and economic perspectives;
- Preparing cost estimates and bills of quantities upon request;
- Providing technical support during the construction phase;
- Ensuring compliance with national and European technical standards (e.g. Eurocodes, P100);
- Ensuring compliance with internal procedures, deadlines, and contractual requirements related to technical deliverables, including also OHS and internal policies (QE, GDPR, ICT);
- Participation in vocational trainings, conferences, and other development activities;
- Participation in technical meetings with beneficiaries, contractors and support for the approval of works.

REQUIREMENTS

Education:

- Technical bachelor's and master's degree – Civil, Industrial and Agricultural Constructions

Relevant Experience:

- Minimum 5 years in construction engineering in industrial structural systems

Technical and Digital Skills:

- Solid knowledge of construction legislation, relevant standards and technical norms (e.g. Eurocodes, P100, NP082 etc.);
- Advanced knowledge about structural systems solutions for industrial constructions;
- Experience in using AutoCAD (2D/3D), ETABS, SAP2000, Robot, Revit, Graitec Advance Design, Autodesk Advance Steel (advanced level) and MS Office (advanced level).

Other Specific Requirements:

- Planning, analytical, technical reasoning, decision-making, communication and multidisciplinary teamwork skills;
- Intermediate knowledge of (technical) English language; others - advantage;
- Availability for travel and field inspections.

WHAT WE OFFER

- Challenging technical and multidisciplinary projects with real impact on local/regional infrastructure;
- A collaborative work environment based on professionalism and mutual respect;
- Continuous learning opportunities and access to training, certifications, and technical conferences;
- Access to cutting-edge technologies and collaboration with top experts in the field;
- The opportunity to represent the company in key relationships with clients and institutions.

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