

Specialist 3D, Layout & Space Management

We're growing, and we're looking for a talented 3D Layout and Space Management Specialist to join our multidisciplinary team and help us shape the next generation of energy infrastructure. We are a leading engineering solutions provider in the energy sector, delivering high-performance, sustainable, and technically complex projects. Our work spans across power plants, biomass-to-energy, waste-to-energy, engine-based power generation, and green hydrogen facilities.

BWSC – Ever better energy!

Join us in our mission in building a world of sustainable energy and make a meaningful impact on the world of power generation and energy conversion.

BWSC is a leading player in the power generation industry, specializing in the service, operations, and maintenance of power plants. We are at the forefront of sustainable energy solutions, working closely with Original Equipment Manufacturers (OEMs) to develop and construct cutting-edge power-to-x facilities. Our commitment to excellence, innovation, and environmental stewardship sets us apart in the industry.

The position

As a 3D Layout and Space Management Specialist, you will play a critical role in the conceptualization, coordination, and detailed design of industrial facility layouts. You'll work closely with process, mechanical, piping, electrical, and civil teams to develop efficient, maintainable, and safe 3D models of complex energy systems.

This role requires a mix of spatial intelligence, deep technical understanding, and strong coordination skills to ensure our projects meet both engineering and constructability standards. We operate in a fast-paced, project-oriented environment that demands a strong focus on cross-functional teamwork. Your ability to balance a hands-on approach with detailed quality focus and overview of the workflow and interdependencies will be key to your success.

On a daily basis you will perform:

- Develop and manage 3D plant layouts from early concept to detailed design stages.
- Perform 3D and 2D drawings revision control and take informed design decisions, especially at the interface between disciplines
- Optimize spatial arrangement of equipment, systems, and access routes within industrial facilities.
- Conduct and resolve clash detection using tools like Navisworks or AVEVA E3D.
- Integrate models from multiple disciplines and ensure alignment with project standards.
- Collaborate with internal engineering teams (process, mechanical, electrical, structural) and external stakeholders.
- Support design reviews, model walkthroughs, and client presentations
- Technical project coordination on client projects
- Coordination with and optimize collaboration with external 3D partners (presently Bulgaria and Philippines)
- Prepare and follow up on schedule for engineering and equipment deliveries in collaboration with project manager.

What We're Looking For

You are a self-starter with drive, who welcomes the chance to take the initiative. Your positive, proactive and systematic approach to your work enables you to take a task and run with it independently.

The ideal candidate will have:

- A Degree or diploma in Mechanical, Industrial, Plant Engineering or related field.
- 5+ years of experience in industrial plant layout, ideally in the energy, process, or power sectors.
- Proficiency in 3D design software such as: AutoCAD Plant 3D, AVEVA E3D/PDMS, (or equivalent) Navisworks (for clash detection and coordination)
- Solid understanding of mechanical and process plant design principles
- Experience with modular/skid-based plant layouts and containerized systems (a plus)
- Experience in green hydrogen plant design

- Familiarity with relevant codes and standards (e.g., EN, ASME, ATEX for hydrogen zones)
- Excellent 3D spatial awareness and visualization skills

In addition, you:

- Have good communication skills
- Are able to build and mature strong relationships with both internal and external parties
- As a person, you ensure excellence through your motivation and energy.

Strong verbal and written communication skills, as a minimum in English is required. Other languages will be considered a plus.

What do we offer?

An interesting job with great challenges in a dynamic and growing Service projects and O&M company.

We have a collaborative environment where engineers are given space to think, solve, and grow and a culture where good humor and mutual respect go hand in hand with technical excellence.

By joining BWSC you get the chance to impact and contribute to meaningful projects that promote sustainability and environmental responsibility. We offer an exciting position in a dynamic, skilled, and collaborative work environment. Further we promote opportunities for professional development and growth.

We have a good canteen, fitness facilities, and an active Staff Club contributing with various types of events and activities. Our HQ is placed in Allerød, near the train station and only a 30 min ride from centre of Copenhagen.

We look forward to hearing from you

You apply by following below link.

We will review applications and proceed with relevant candidates on an ongoing basis, so please make sure to apply as soon as possible – and **no later than 20th July 2025**. We look forward to receiving your application, if you have any questions regarding the position, please do not hesitate to contact Lars Guillaume Gammelgaard, Chief Technology Officer at lagg@bwsc.dk.

BWSC wants to promote equality and diversity. We encourage all qualified candidates to apply - regardless of ethnic background, gender, sexual orientation, disability, religion, or age. We therefore recommend not stating age etc. on application documents.

Get to know us even better at our website, www.bwsc.com, where you can learn more about our projects, our strategy and what we want to achieve at BWSC.

BWSC no longer receive, or handle applications received via email due to the directives of the GDPR. For your application to be processed, you must submit your application via our online recruitment system.

About BWSC

Burmeister & Wain Scandinavian Contractor A/S (BWSC) is a global power plant Operation & Maintenance and technical service provider with engineering expertise, enabling power plant owners to deliver cleaner and affordable energy. We are experts in servicing, upgrading, operating, and maintaining energy systems for diesel, natural gas, and renewable baseload power plants. We help our customers increase reliability and availability of energy production, improve efficiency and performance of their power plant, design and integrate future-proof technologies, and secure lower cost of maintenance. At BWSC, we work with customers in Europe and beyond to tackle energy storage, carbon capture, Power-to-X and related energy transition challenges. Our people are at the core of everything we do and key to a positive relationship with our customers. We invest in our people and their wellbeing, to ensure continued success and growth of the company.