



Senior Mechanical Engineer – Plant Operations

Be part of a team that is tackling one of the largest challenges of our generation. As an Inventys employee, you will apply your talents in ways that make a difference in our world by directly contributing toward technologies to reduce greenhouse gas emissions.

Inventys is a clean energy technology company with a credible solution for capturing point-source CO₂ emissions and accelerating the global transition to a lower-carbon economy.

We are looking for a Senior Mechanical Engineer – Plant Operations to liaise with internal and external stakeholders to design, fabricate, install, and operate customer CO₂ separation plants. This requires regular troubleshooting as well as frequent travel to fabricator and customer sites.

Key Responsibilities:

- Conducts equipment sizing, specification, inspection, installation, and maintenance.
- Generates installation and operating procedures.
- Reviews and supervises fabrication and responds to vendor RFI's.
- Supervises plant installation and start up for Mechanical discipline.
- Reviews vendor drawings and requests changes as required.
- Provides technical liaison between company and customers.
- Participates in HAZOP (Hazards and Operability Study) and PHAs (Process Hazards Analysis).
- After installation monitors performance and addresses issues as required.
- Develops regular maintenance schedules.
- Investigates equipment failures and problems to diagnose, then repair or replace.
- Carries out other related tasks and projects as required.

Qualifications:

- Education: Degree in Mechanical Engineering, eligible or registered PEng
- Experience: At least 10 years mechanical engineering in design, installation and ongoing operation of plant equipment, preferably in Oil and Gas or Power Generation industries
- Experienced with process equipment including rotating equipment, pressure vessels, piping and instrumentation, controls, and strong working knowledge of electrical and process engineering as they relates and interface with the mechanical discipline
- Experience managing construction and installation of process plants
- Ability to work in a changing environment and evaluate/incorporate new processes and new technologies
- Critical thinking skills and professional judgment
- Ability to work well with cross-functional teams and diverse groups of stakeholders

- Demonstrates interpersonal skills required for cooperative working relationships both internally and externally
- Demonstrates written and oral communication skills
- Ability to work independently and as part of a team
- Can safely work in a shop with standard shop tools and equipment.
- High level of initiative
- Good time management, with ability to organize, prioritize and meet deadlines
- Strong attention to detail
- Excellent listening skills
- Excellent analytical skills with ability to make sound recommendations
- Willingness to undertake frequent travel or temporary relocation to operating site

As a team member you will work in a safety-first environment while enjoying competitive benefits, supportive co-workers, and interesting challenges to solve. You will grow through challenging work with diverse, talented people and by finding endless opportunities to learn and engage.

If you want to take the next step in your career, send your resume to jobs@inventysinc.com with "Senior Mech Engineer" in the subject line. For more information about Inventys, please visit www.inventysinc.com. You can also connect with us on Facebook or Twitter @inventysinc.