

Position:	Lead Mechanical Engineer
Company:	Carbon Clean Solutions Limited (CCSL)
Location:	India
Reports To:	Technology Manager, India / Engineering Director (UK)
Income Range:	Competitive
Benefits:	Medical and pension
Bonus:	Potential for cash and or stock incentive bonus
Travel:	~30% with opportunity for travel to UK and USA

Company Description:

Carbon Clean Solutions Limited (CCSL) is an innovation leader in carbon dioxide (CO₂) separation technology for industrial and gas treating applications. Our step-change technology significantly reduces the costs and environmental impacts over existing CO₂ separation techniques. With 39 operating plants using CCSL's patented technology and one large scale carbon capture and utilisation plant operating in India, we aim to get to \$50 million in sales in 5 years. Having closed an investment of \$16 million from investors like WAVE Equity Partners, Chevron Technology Ventures and Marubeni Corporation, we are all set to grow exponentially and build an amazing team. More about us: www.carboncleansolutions.com

CCSL is looking to expand our technical operations in EU by deploying carbon separation technology into more industrial and research facilities. To date, the company has a number of active global projects and requires an experienced process engineer to coordinate technical and program deliverables, particularly with project partners in EU. We also require a technical liaison to facilitate successful outreach of our technology to a wider slate of industry partners for commercial opportunities.

Position Description:

- Detail design & engineering of Mechanical Equipment and Packages.
- Mechanical and thermal design of the process equipment like pressure vessels, heat exchangers, pumps etc.
- Checking & Approving Vendor's Design calculations, General arrangement drawings, Fabrication drawings and various vendor documents. Coordination/Follow-up with different Disciplines/Departments.
- Planning, execution and supervision of erection activities of the plant and co-ordinate with the vendors/stake holders of the project.
- Mentoring Graduate Engineer Trainees responsible for their technical development according to training procedure.
- Technical evaluation of vendors offers and preparation of Technical Bid Analysis for Pipes and Fittings, valves, pumps, Compressor, vacuum Pumps etc.
- Review/Approval of vendor's Design, Drawings and mechanical data sheets.
- Inspection and Testing of equipment at vendor/customer site.

- Weekly project work progress report preparation.
- Coordination/ attend meeting with team members, Inter Discipline, Site, Client and Vendor.
- Coordination with purchase department (in-house/client house).
- Attend meeting with Client & Client comments review and response preparation.
- Contract Specification review & deviation/clarification preparation.
- Mentor subordinates and ensure smooth flow of operations on the Shop floor.

Requirements

- B.Tech/BE or M.Tech/ME in mechanical engineering from recognized university with 6-12 years of fully time work experience in engineering/design services.
- Experience in managing projects and working on the mechanical design of process/chemical plants would be preferred.
- Well versed with Industry mechanical design standards, specifications, codes, and safety criteria.
- Experience in material selection, thickness and load calculations for the equipment.
- Experience in developing equipment, plant and piping layouts.
- Experience in preparing / reviewing of fabrication drawings and inspection/testing of the equipment.
- Co-ordinating and working directly with operations, engineering, and project management functions at both owner-operators and engineering companies.
- High technical fluency with ability to communicate effectively both verbally and written.
- Exposure to Softworks 3D modelling.
- Exposure to Project Management tools.
- Willing and able to travel as required including travel customer/partners and other industrial sites, both domestic and international.
- Demonstrated leadership, influencing, and interpersonal skills.
- Excellent communication skills and ability to read, write, and speak English.

Why Carbon Clean Solutions (CCSL)?

CCSL is a small and growing company with a commitment to helping decarbonize industry with better technology. We offer candidates the opportunity to generate breakthrough results in Green/Clean Tech while immediately serving as a critical member of a growing and entrepreneurial team.

If you are interested in learning more, please contact the following and include your resume and cover note:

Rosie de Courcy Robinson
 Senior HR Consultant
 Carbon Clean Solutions Limited
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