Job ID:	382
Job Title:	Senior Mechanical Engineer
Degree Requirements:	BS ME or BS ChmE from an ABET accredited university
Years of Experience:	5
Type of Position:	Direct Hire
Location:	NE Florida
Salary Range:	Depends on your Experience and Expertise
Travel Required:	<25%

Do not assume that we know anything about your employers. PLEASE HELP US HELP YOU by telling us what your employers do to make money. One or Two sentences will help us.

US CITIZENS or PERMANENT RESIDENTS / Green Card Holder only.

NO SPONSORSHIP IS AVAILBLE.

Our North Florida based client designs & delivers custom power augmentation & plant solutions for power generation & utilities, liquefied natural gas, data center, & biopharma customers around the globe. We are working with this client to identify a Senior Mechanical Engineer. Relocation assistance is budgeted for this position.

MUST HAVE REQUIREMENTS for this position are:
* BSME or BS ChmE from an ABET accredited university
* A Professional Engineer (PE) license in Florida or be able to obtain by reciprocity within 6 months after being hired
* A minimum of 5 years' experience working in power plant or HVAC design or similar projects
* High degree of competency selecting & establishing technical requirements for general mechanical equipment (pumps, chillers, cooling towers, heat exchangers, etc.)
* Be highly competent in (piping system design including pipe material & class specification, pipe stress analysis, valve selection, etc.)
* Experience using AFT Fathom flow analysis software
* Expertise using AutoPLANT Software
* Expertise in Hydronic Design
* A high degree of familiarity with codes, standards, & regulations, & implementation
* Familiar with engineering quality management
* Familiar with modular design & fabrication practices
* Proven ability to communicate at all organization levels & interface with Fabrication Shop Team
* Competency in the preparation of engineering deliverables to appropriate levels
* Competency in these areas (Technical Capacity, Problem Solving / Analysis Skills, Excellent written & verbal communication, Interpersonal & Customer Facing / Service Skills)

PLUSSES in this position are:
* Master's degree in Mechanical Engineering or Chemical Engineering from an ABET accredited University

* 8 + years of experience leading an engineering & design of mechanical water-side & air-side heat transfer systems (power plant, industrial, biopharma)
* Demonstrated success in the technical leadership of an engineering discipline
* Knowledge of CAD software (AutoCAD preferred)

Reporting to Engineering Director the RESPONSIBILITIES of this POSITION INCLUDE, BUT ARE NOT LIMITED to:
* Be the Client Facing SME
* Work closely with other Team Members providing guidance & leadership
* Responsibility for the design of Modular TIAC (Turbine Inlet Air Cooling) Plant, CHP, Mission Critical & District Cooling Plant up to full production (specification reviews, mechanical calculation & selection to meet process, code, & client requirements, conduct design reviews, coordination with other disciplines, fabrication for production)
* Undertake engineering & design work independently
* Be individually accountable for the quality & accuracy of all engineering & design work
* Follow company procedures, specifications, standards & any project specific requirements
* Write manufacturing, & test procedures & reports
* Participate in project teams & activities related to the development of modular plants
* Provide technical support to sales & marketing for bids / proposals, such as schematics, equipment selection & specification review
* Prepare & review mechanical specifications & necessary control documents based on project execution plan prior to beginning any engineering or design activities
* Prepare design deliverables including basis of design, engineering lists, P&IDs, data sheets, technical specifications, calculations, numerical modeling & other study reports to support procurement, fabrication, installation & construction
* Support / provide leadership in technical meetings with vendors
* Technical evaluation of bids
* Provide technical assistance to the project team as required (subcontract evaluation, scope definition, design schematics)

If you meet these requirements and wish to be considered for this position, send your résumé, that **includes what your employers do to make their money,** to us in a Word document without Headers / Footers, or Text Boxes at Resumes AT PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email.

*** ALL CLIENTS REQUIRE, BACKGROUND CHECKS & DRUG TEST AS A PART OF PRE- EMPLOYMENT HIRING PROCESS.**

In your email or cover letter, please provide us a short description detailing your experience and expertise as it applies to this position. Please provide us with your *MINIMUM* salary requirements.

Applicants for employment are to be considered for employment based on the individual applicant's qualifications and without regard to race, color, creed, gender, age, disability, national origin, religion, veteran status, uniform service member status, marital status, sexual orientation, citizenship status, genetic information, or on account of membership in any protected category under federal, state, and local laws.

KEY WORDS: BSME, BS ChmE, LNG, Liquified Natural Gas, P&IDs, Piping & Instrumentation Diagrams, Power Plant Design, HVAC Design, Pumps, Chillers, Cooling Towers, Heat Exchangers, Piping System Design, Pipe Material, Pipe Stress Analysis, Valve Selection, AFT Fathom Software, AutoPLANT 3D Software, Hydronic Design, Engineering Quality Management, Modular Design, Modular Fabrication, Fab Shop, Combined Heat & Power Systems, CHP, Modular Plant, TIAC, Turbine Inlet Air Cooling Plant, Mission Critical, District Cooling Plant, Specification Reviews, Mechanical Calculation, Design Reviews, Fabrication for Production, PE, Professional Engineer, Heat Transfer Systems, Power Plant, Industrial, BioPharma, Data Sheets, Technical Specifications, Calculations, Numerical Modeling, Procurement, Fabrication, Installation, Construction, Technical Leadership, Bid Evaluation, Subcontract Evaluation, Scope, Definition, Design Schematics