



## Job Description Form

Please send resume and detailed cover letter to [vluke@calnetix.com](mailto:vluke@calnetix.com) to apply.

**Position Title:** Systems Engineer  
**Reports To:**  
**Department:** Product Management  
**FLSA Status:**  **Exempt**  **Non Exempt**

### General Purpose of Job:

Position will interface with expert power system engineering team to develop superior Waste Heat Generation Systems that can be installed in facilities and on equipment producing thermal energy. Position focus will be on Balance of Plant (BOP) functions and installation of CPS Waste Heat Generator (WHG) product.

### Responsibilities:

Your responsibilities will include but are not limited to:

- On-site installation and integration of CPS WHG systems.
- Design of BOP based on heat calculation and equipment analysis, including heat exchangers, pumps, etc.
- Apply standard engineering practices and techniques in specific situations to solve operational and maintenance problems involving Balance of Plant (BOP) systems and components.
- Adjusts and correlates data and recognizes discrepancies in results. Provides technical interpretations of design requirements as they apply to BOP systems.
- Provide technical expertise and consultation through direct involvement to identify and resolve equipment and system problems.
- Provide input to product development team with regards to new project or application opportunities
- Provide in-depth technical expertise to develop, manage and implement engineering analysis, activities and programs.
- Accountable for the accuracy, completeness, and timeliness of work ensuring proper configuration management and assuring that standard design criteria, practices, procedures and codes are used in preparation of plans and specifications.
- Evaluate the performance and technical feasibility of advanced energy conversion systems and applications
- Recommend equipment, new concepts and techniques to improve performance, simplify construction, reduce costs, correct design or material flaws, or comply with changes in codes or regulations.
- Develop and promote future project opportunities internally or with external partners/customers

### Skills, Experience, Education, and Abilities:

- Bachelor of Science degree in Engineering required
- Minimum 10 years of relevant experience
- Experience in the power generation, CHP, HVAC or similar process industries
- Knowledge in functional BOP discipline, its practical application and applicable industry codes and regulations.
- Direct experience with waste heat recovery systems such as Organic Rankine Cycle and other renewable energy systems preferred.



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<ul style="list-style-type: none"><li>• Successful new product implementation in industrial/commercial consumer markets</li><li>• 'Hands-on'</li><li>• Excellent verbal and written communication skills</li><li>• Global mindset &amp; customer focus</li></ul>
<b>Intangibles Sought:</b>
<ul style="list-style-type: none"><li>• Must be self-directed, mature, entrepreneurial individual</li><li>• Enthusiasm-passion</li><li>• Integrity, commitment &amp; honesty</li></ul>
<b>Supervisory Responsibilities:</b>
None
<b>Physical Demands / Work Environment:</b>
Travel up to 25% of the time

**Standard Hours:** 8:00am to 5:00pm

***The above job description is not intended to be an all-inclusive list of duties and standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as assigned by their supervisor. Management reserves the right to change, rescind, add or delete the duties and responsibilities of positions within this job classification at any time.***