

Sr. Mechanical Engineer - Metals

Job Type: Full-time

Schedule: 8-hour shift, Monday to Friday

Office Location: Wyomissing, PA. Hybrid remote work also considered.

Salary: Commensurate with experience

Job Description


RPA Engineering is looking for a senior mechanical engineer with metals manufacturing experience. The applicant must have the ability to work independently and collaboratively with multi-disciplinary teams.

Company Benefits

- Excellent work-life balance and flexible work week
- Hybrid work environment/ability to work from home
- Growth opportunities within the organization
- Paid overtime, time off and sick days
- 401(k) matching
- Insurance plans

Education/Experience

- 10+ years of experience related to design, specification, fabrication, and purchase of capital equipment for the metals industry.
- Four-year mechanical engineering degree from ABET accredited university program.
- Demonstrated knowledge of current code and standards.
- Familiar with various software suites such as MS Office (e.g., Word, Outlook, Excel), AutoDesk AutoCAD, and Inventor/Solidworks experience is a plus.
- Mechanical engineering and design experience in areas such as machine design, hydraulics/pneumatics, dust collection/industrial ventilation, industrial/process piping and supports, combustion.
- Metals industry experience, including but not limited to:
 - Aluminum Making Processes, such as Melting/Holding/Casting, Scalping, Hot and Cold Rolling, Extrusion, Leveling, Heat Treating, Slitting.
 - Steel and Titanium Making Processes, such as Electric Arc Furnace Melting, AOD/VD, Continuous Casting, Ingot Casting, Hot and Cold Rolling, Leveling, Heat Treating.

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WYOMISSING, PA
VALLEY FORGE, PA
PITTSBURGH, PA
RALEIGH, NC
VENICE, FL



Tasks, Responsibilities, & Utilized Skills

- Interact with clients, managers, contractors, and colleagues within RPA.
- Excellent attitude, attention to detail and interpersonal relationship skills.
- Self-motivated and driven to succeed.
- Field survey existing mechanical systems and equipment.
- Ability and willingness to work additional hours on projects as required to satisfy client's deadlines.
- Excellent organizational skills.
- Self-disciplined.
- Capable of working independently and within a team framework.
- Sensitive to client's needs and demands.
- Ability to work within project budget and schedule requirements.

RPA Engineering is a professional engineering consulting firm offering comprehensive mechanical, electrical and process engineering, machine design, structural analysis services, project management, and CQV. Operating for more than 30 years, RPA provides high quality, cost-effective engineering and design services from its Wyomissing, PA headquarters; Pittsburgh, PA; Valley Forge, PA; Knoxville, TN; Venice, FL; and Raleigh, NC regional branches; and onsite corporate services.

RPA Engineering was named in 2010 to the Inc. 5000 list of fastest growing U.S. based entrepreneurial companies. As part of the list, RPA Engineering was named as one of the top 100 Engineering firms in the country.

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