

Project Engineer

Position Description

The Project Engineer will perform engineering analysis of sand core blowing and curing systems for the foundry industry using our Arena-flow® Sand Core Engineering software technology. The ideal candidate will have sand foundry experience, preferably in a tool shop or core room, as well as knowledge of commercial foundry Computational Fluid Dynamics (CFD) software. Successful applicants will be self-starters and will assume responsibility for numerous engineering projects with minimal supervision. Additional duties include customer support, training and software testing.

Day to Day Responsibilities

- Understand customer problems and objectives
- Perform computational analysis of sand foundry systems using Arena-flow
- Evaluate and analyze results
- Critically and practically evaluate proposed design modifications
- Customer interaction and reporting
- Customer support, including some travel (<20%)
- Customer training
- Software testing
- Author and present technical papers related to solutions of industrial problems

Requirements

- BS in Engineering or equivalent
- Industrial foundry experience
- Fundamental understanding of core-making and sand casting processes
- Strong interpersonal, communication and presentation skills
- Familiarity with CAD and CAE applications
- Experience with commercial CFD software is a plus
- Critical evaluation skills. Ability to make sound decisions by blending analytical thinking with practical judgment. Ability to rationally explain decisions to management and customers.
- Desire for continuous learning
- Foreign language fluency is a plus
- Ability to work individually as well as in a team environment

Company

Arena-flow LLC is a sand core engineering software and solutions provider located in Albuquerque, NM, USA. Our revolutionary Arena-flow software is in use at OEMs, foundries and tooling producers world-wide. Arena-flow LLC is an equal opportunity employer.

Arena-flow, LLC

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