CCPI Inc. (www.ccpi-inc.com) is a leading producer of monolithic refractories in the United States for the continuous casting of steel. The main production and laboratory facilities, located near Cincinnati, OH, require an individual to lead our Water Modeling Laboratory and develop new technologies and designs for the continuous improvement of steel cleanliness.

POSITION SUMMARY
This position requires the timely planning and optimization of tundish model flow designs for the improvement of steel cleanliness within the steel industry. This requires the ability to design, implement, and improve these systems through water flow modeling and then presenting these results to current and prospective customers. Additional responsibilities include implementing and governing these improvements in the field and reporting results back to management and the customer. In addition, this person will also help support development and testing of new refractory materials used in these areas.

ESSENTIAL FUNCTIONS
Manage the Water Modeling Laboratory. These functions include:

• Develop new tundish flow designs through water modeling that meet customer requirements. This requires the designing, evaluation, installation, and operation of the water model facility.
• Conduct research that tests and analyzes the feasibility, design, operation, and performance of products.
• Guidance of Technical Staff to help achieve goals of Water Model Laboratory.
• Familiarity with 2D and 3D drafting concepts and computer-assisted design/drafting software.
• Clearly present ideas to groups of people with varying technical experience.
• Familiarity with laboratory procedures, data recording, and laboratory reports.

QUALIFICATIONS
Bachelor's Degree in Engineering (four year college or university)

COMPUTER SKILLS
Efficient in Microsoft Word and Excel. Knowledge or ability to learn AutoCad and video editing equipment

WORK ENVIRONMENT
Approximately 85% of time will be spent working in the Water Model Laboratory, some travel required.

Candidates with the above qualifications should submit their resume to: ccpi.inc@gmail.com

CCPI Inc. is an Equal Opportunity Employer and a Drug Free Workplace.