Position Summary

CGC Product LLC located in Naperville, Illinois, a subsidiary to James Hardie Building Products, is a fast growing R&D facility. This position is primarily responsible for investigation of a variety of polymer composite and coating materials and technology applied in building materials industries through hands on testing in laboratories. This requires board knowledge of polymer composites, strong analytical skills, and enthusiasm for hands on laboratory work. The company will entartain resumes from foreign visa holders.

Position Responsibilities

- Design, develop, plan, conduct hands on laboratory testing based on business needs
- Characterize material properties, composition, structure, processing technology using full range of analytical techniques
- Analyze test results, interpret data, research literatures, draw conclusions, and make recommendations from independent studies based on sound scientific knowledge by applying chemical and engineering principles
- Collaborate with various project teams and make recommendations that enable the projects to achieve their specific business goals
- Clearly identify critical path to reach project goals and efficiently manage project milestones, tasks, and resources
- Document each work as research reports and effectively communicate the findings in presentations.
- Coordinate testing with internal and external laboratories

Quantitative Dimensions

- Travel: approximately 10%
- Proficiency in MS Office Suite (Word, Excel, and PowerPoint in particular) and ability to construct complex spreadsheets, graphs, and charts.

Knowledge, Skills, and Abilities Required

- Enthusiasm for laboratory work and hands on research
- Effective time management skills to drive multiple projects and timeline simultaneously
- Diverse and substantial background in polymer composite materials and technology
- Hands on experience in reversed engineering and chemical analysis of polymer composite using HPLC, GC-MS, FTIR, DSC/TG, and other laboratory instruments/techniques
- Hands on experience in characterizing physical properties of polymer composites using SEM, XRD, XRF, TMA, mechanical testing, and other laboratory instruments/techniques
- Strong written and oral communication skills, and ability to clearly communicate research findings through presentations and reports.
- Strong interpersonal skills with the ability to collaborate and cooperate with others cross-functionally on multiple
- Excellent organizational skills and documentation management capability

Education/Experience Required

- PhD degree in materials science, polymer science, or polymer technology related field OR
• Master’s degree in materials science, polymer science & technology related field with a minimum of two (2) years of polymer composite research experience in industries

Competencies

• Urgency: Demonstrate sense of urgency and take quick action to keep moving projects forward with minimal to no supervision
• Resourcefulness: Quickly address problems, issues, or roadblocks utilizing both internal and external resources
• Strategical Planning: Clearly identify critical path to reach project goals and efficiently manage project milestones, tasks, and resources
• Self-management (includes time management): Is self-disciplined, self-directing, and hold high standard in deliverables
• Efficiency: Effectively manage one’s time and resources to ensure that work is completed efficiently.
• Decision Making: Demonstrate innovative decision making abilities. This role is required to make key decisions with regard to the assigned research projects that will have both immediate and long-term impact to the business.
• Communication: Clearly convey information and ideas through a variety of media to individuals or groups in a manner that engages the audience and helps them understand and retain the message
• Work Standards: Set high standards of performance for self and others, assume responsibilities and accountabilities for successfully completing assignments or tasks, self-impose standards of excellence rather than having standards imposed.
• Applied Learning: Assimilate and apply new job-related information in a timely manner.
• Technical/Professional Knowledge and Skills: Have achieved a satisfactory level of technical and professional skill or knowledge in position-related areas; Keep up with current developments and trends in areas of expertise.
• Contributing to Team Success: Actively participate as a member of a team to move the team toward the completion of goals.
• Building Strategic Working Relationships: Develop and utilize collaborative relationships to facilitate the accomplishment of work goals.
• Innovation: Generate innovative solutions in work situations; trying different and novel ways to deal with work problems and opportunities.
• Adaptability: Maintain effectiveness when experiencing major changes in work tasks or the work environment; adjusting effectively to work within new work structures, processes, requirements, or cultures.
• Stress Tolerance: Maintain stable performance under pressure or opposition (such as time pressure, or job ambiguity), and handle stress in a manner that is acceptable to others and to the organization

To Apply

E-mail your resume to Ms. Liz Bailey at liz.bailey@jameshardie.com

Deadline to Apply

November 2, 2018