

Process R&D Engineer

Cancarb is a leader in the development, manufacture and global marketing of medium thermal carbon black. With a capacity of 54,000 metric tonnes per year, our plant in Medicine Hat, Alberta, Canada is the world's largest of its kind. Consistent with our commitment to environmental responsibility our plant is combined with a waste heat power generating facility. The company's Thermax® brand products are supported by local distributors in 44 countries. Committed to responsible development, Cancarb's management process is certified to ISO9001, ISO14001, and complies with the Alberta Enform/COR standard for Health and Safety management.

We are looking for talented people who have energy for change, can build relationships, and deliver sustainable results.

Responsibilities:

Reporting to the VP, Quality & Development, the Process R&D Engineer will be challenged to develop innovative methods to optimize the thermal carbon black production process and supporting infrastructure through collaborative and inventive efforts. The R&D Engineer will also be responsible for monitoring and reporting production and emissions statistics to various government environmental agencies, optimizing environmental processes, carrying out Cancarb's innovation initiatives in new product development, as well as driving scientific research on carbon black production. The role will require a sharp, curious and creative mind to drive Cancarb's process innovation.

Qualifications:

- Advanced Degree from a leading Canadian University in Chemical Engineering
- Consideration will be given to a professional engineer with equivalent work experience
- 10 Years' experience in an industrial or plant environment, preferably hydrocarbon-based
- Self-driven with a proven track record of active, hands-on participation in a challenging industrial plant. Equally comfortable operating in an office environment.
- Excellent computer skills including Microsoft Office and Solid Works CAD and CAE software
- Exceptional written and verbal communication skills across many work groups and individuals
- Ability to manage and complete multiple tasks and challenges concurrently
- Driver's license and willingness to travel as required

This position requires candidates to:

- Develop, initiate and drive strategies and projects to optimize the carbon black production process;
- Develop and implement process improvement strategies to increase carbon recovery;
- Develop new processes for higher efficiency and cost effectiveness;
- Design and conduct trials using Cancarb's pilot and production scale reactors, including assembly and maintenance of testing facilities and equipment;
- Collaborate on new applications, product development and product studies and evaluations;
- Monitor and report various operating statistics related to carbon black production and recovery;
- Monitor, evaluate, and report emissions data to provincial and federal government bodies;
- Provide technical support and participate in major environmental and process improvement capital initiatives;
- Drive sustainability projects;
- Monitor and follow technical trends in the production of carbon black and related products;
- Develop strategies and responses to changing technology and market conditions;
- Interact and work closely and consistently with R&D, Operations, Quality, and Marketing personnel to ensure the Process R&D activities are aligned with the Company's strategic goals, policies and procedures;
- Collaborate on projects and studies with Cancarb's parent and sister company research and

- development teams;
- Attend technical, scientific and equipment conferences to ensure awareness of the most advanced industrial technologies.

We offer a dynamic, team-oriented and individually rewarding work environment.

Those who satisfy the above requirements and are interested in applying for this position are invited to send their resume, quoting "**Process R&D Engineer**" to recruitment@cancarb.com, by January 22, 2021.

Thank you for your interest, only candidates considered for an interview will be contacted directly.