



Civil Engineer with Hydrotechnical Experience Dartmouth, Nova Scotia

Mitchelmore Engineering Limited (Meco) is hiring a professional, experienced **Civil Engineer** with Hydrotechnical Modelling experience.

About Meco

Meco is a focused consulting engineering firm providing civil, geotechnical, hydrotechnical and project management services to both public and private sector clients. The Civil (Hydrotechnical) Engineering is a technically proficient leader, intent on providing reliable yet creative solutions to an eclectic mix of problems faced by infrastructure demands. This is a full-time, salaried position which reports directly to the Engineering Manager.

The primary focus of this position is formulating and articulating an understanding of hydrotechnical models that will be used in civil design, construction, and inspection. The engineer will also apply the models to design of hydraulic structures and production of contract documents. Typical projects will include all types of dams, wharves, bridges, culverts, storm systems, etc. The work involves collection of hydrological data, GIS data systems and preparation of predictive models using statistical and deterministic methods, routing models (PCSWMM, HEC-RAS and HEC-HMS) for flow distribution, conveyance, extreme event modelling and production of engineering documents consistent with industry standards. The challenge of this position is being able to work with uncertain data, designers, and clients while maintaining an awareness of project costs against design requests.

This position is a supervised position, but independence of thought is encouraged. This position must be available Monday through Friday for daytime shifts. Overtime is normally not required but may be based on operational need and is a condition of employment. Travel within Canada is a job requirement for the purpose of site inspections, construction supervision, and/or project meetings. Travel is a condition of employment and the incumbent must have a valid passport, a valid drivers' license, and be reasonably insurable.

Specific areas of responsibility include:

- ✓ Report Writing
- ✓ Inspection and Field Work
- ✓ Model Development and Execution
- ✓ Design
- ✓ Reviews / QA / QC
- ✓ Staff Relations & Supervisory Feedback
- ✓ Client / Agency Liaison
- ✓ Project Management
- ✓ Administration, Documentation, and Reporting



The successful candidate will have:

The successful applicant will have a degree in civil or environmental engineering and possess minimally four (4) years technical experience. Having engineering consulting experience is a must. The successful applicant must have superior communication and interpersonal skills, possess excellent analytical, logical thinking and problem-solving skills, and have effective planning, time management, and organizational skills. The applicant must be able to make decisions independently, must understand the importance of effectively negotiating with others while maintaining the relationship, and must be a highly effective leader and team player.

Meco Core Values:

Fidelity: We are loyal. We lead a balanced life, maintaining balance between the needs of the company and our own needs.

Ingenuity: We are inventive, resourceful and clever in the workplace. We understand that ordinary can be made extraordinary with simple acts. We strive to put the sizzle in our steaks!

Integrity: We have the courage to say “Yes” only when we know we should, and to say “No” at all other times. We are truthful and honest with ourselves and others.

Empathy: We vicariously experience and understand the feelings, thoughts and attitudes of our clients and each other. We walk a mile in others shoes every day.

Adaptability / Flexibility: We have the capacity to change. We accept that unexpected disturbances will occur and are ready to adjust ourselves to new situations and conditions. We acknowledge that our ability to adapt to change impacts our effectiveness.

Decision Making: We are effective problem solvers. We understand the importance of deciding and moving forward. We proactively solicit traditional as well as the most up-to-date information, methods, and means to support these decisions. We will not let perfection hinder us from achieving good enough.

To learn more about Meco, please visit www.mecoengineers.com

If this exciting opportunity is one you would like to discuss, please forward your résumé and cover letter addressed to Meco’s President (Perry Mitchelmore) in confidence at careers@mecoengineers.com.

Thank you for considering Meco. We are committed to the principle of diversity and inclusion in its employment practices and to providing an environment free from discrimination and harassment for all employees. We welcome applications from Women, Persons with Disabilities, Aborigines, and Visible Minorities.