

## Mechanical Engineering Trainee

Join a company that is passionately committed to the pursuit of a better world through positive change. With more than 65 years of business and technical expertise in [mining](#), [energy](#), and [infrastructure](#), our [10,000 colleagues](#) in [150 countries](#) tirelessly work toward bettering the industries in which we operate. With practical solutions that are safe, innovative and sustainable, we think globally while acting locally.

Join our Project Delivery Group (PDG), a dynamic team of professionals passionately committed to world-class [project delivery](#) across the globe. With expertise in [sustainable](#) studies, asset building and operations, and industry-leading efficiencies, our best-in-class team leverages methodologies, governance and systems that are unparalleled in the [engineering](#) space. Are you looking for an opportunity to join a diverse group of professionals who are committed to remaining exceptional? We look forward to hearing from you.

### Summary:

Hatch is seeking a Mechanical Engineering new grads with interest in Mechanical or Piping system design. Reporting to the Mechanical/Piping Discipline Lead Engineer you will support projects globally working from the Sudbury office with opportunities to work in other Hatch offices and at project job sites.

### What Will a Career at Hatch Offer You:

#### You will:

- Be given opportunities to contribute to complex projects around the world in meaningful ways
- Work on challenging projects and problems and gain experience in the office and on project sites
- Collaborate with diverse teams locally and globally
- Work in an exciting environment where you can apply your academic learning on a daily basis
- Gain relevant experience and support in obtaining your professional designation
- Benefit from formal and informal mentorship from some of the leading minds and authorities in the industry
- Participate in local Professional Development Programs, Sustainability Week, Toastmasters, and more to develop your skills
- Join in charitable, social, and sports activities with other Hatch employees

We're entrepreneurs with a technical soul. Our flat organizational structure creates an atmosphere of openness and participation. We build practical solutions that are safe, innovative, and sustainable. Our ultimate goal is to achieve no harm for our people, our clients, and our communities.

## **Responsibilities:**

- Work independently to apply engineering principles to perform calculations for mechanical equipment design and piping system design of industrial buildings and processes.
- Work collaboratively to share the results of your work with senior members of the discipline and / or other Hatch groups
- Prepare equipment specification packages, construction work packages, or piping calculation reports, to be checked by senior colleagues and used to support engineering documents to be used by internal and external stakeholders
- Become knowledgeable of various mechanical equipment, analytical software and tools, piping systems and specifications, discipline workflows and execution, and other industrial components / processes you are assigned to assess
- Participate in office and site safety training and inductions as needed to support office and site activities
- Perform field verification, and provide field support during construction.
- Willingness and ability to travel and work in other Hatch offices or project work sites (including remote sites) as needs and opportunities arise

## **Education and Experience:**

- Must be working towards graduating in 2024, or recently graduated, with a Bachelor's Degree in Mechanical Engineering or Master's Degree in Mechanical Engineering.
- Excel academically while being actively involved in extra-curricular and/or volunteer activities at school or in the community
- Preferred academic courses include: Thermodynamics, Fluid Mechanics, Machine Design and Solid Mechanics.
- Previous relevant coop and summer work terms or internships in Mechanical or Piping engineering is an asset
- Academic or work experience with Mechanical software AFT Fathom, Ansys, Sidewinder, MathCAD, and Bentley MicroStation CAD software is an asset.

## **Competencies (knowledge, skill, attributes):**

- Good understanding of engineering and business fundamentals as they apply to engineering problems and projects
- Ability to learn quickly and to take on new challenges
- Collaborative team player with excellent interpersonal skills
- Excellent organizational skills and attention to detail
- Strong written and verbal communication skills
- Shows critical and creative thinking and problem solving, and brings forward solutions for our clients' toughest challenges
- Adapts and embraces change