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Integral Group

## Intermediate Fire Protection Designer

Fire Protection - Vancouver, BC, Canada - Full Time

### INTERMEDIATE FIRE PROTECTION DESIGNER (Vancouver, BC)

**Are You Ready? Willing? Able?**

#### THE POSITION

- Are you motivated and creative?
- Do you have a deep passion for innovation, sustainable design and environmental responsibility?
- Do you enjoy getting great results from challenging opportunities?
- Do you have a high degree of integrity, professional ethics, respect and responsibility?
- Are you a resourceful person with a positive attitude?
- Will you bring energy and enthusiasm to the office?
- Are you prepared to learn and grow with us?

If so, we want to hear from you!

Integral Group's Vancouver office is growing and needs your help! Integral Group's Vancouver office is seeking a Intermediate Fire Protection Designer to join our team.

The Intermediate Designer is a team player with the ability to receive and execute instructions from the Senior Designer or Project Manager/Team Leader with minimal supervision. This individual will have proficient operating knowledge of AutoCAD and hydraulic design programs. In addition this individual will have strong communication skills, the ability to use their initiative and be eager to learn.

#### PRIMARY RESPONSIBILITIES

- AutoCAD and/or Revit drafting and design operations
- Provide technical assistance to the Senior Designers/Project Managers/Team Leaders as follows:
  - Maintain Design file
  - Fire Protection layout and drafting with minimal supervision
  - Fire Protection hydraulic calculations and design areas - to be checked by senior staff
  - Ensure Integral design checklist is being followed
  - Ensure Integral AutoCAD and/or Revit Standards are being followed
  - Maintain AutoCAD and/or Revit files
  - Prepare preliminary motor list with assistance provided by senior staff
  - Prepare equipment selections using Integral selection procedures with assistance provided by senior staff
  - Co-ordinate fire suppression requirements with other disciplines involved in the project design team (i.e. Architects, Structural Consultants, Electrical and Mechanical Consultants, etc.). Assistance will be provided by senior staff
  - Co-ordinate service requirements/connections with the respective utility and/or municipal agencies
  - Review and process shop drawings with senior staff
  - Assist in training junior staff and reviewing their work
  - Provide construction administration services as directed and supervised by senior staff
  - Write various reports as directed by senior staff
  - Attend site surveys with senior staff

## SKILLS/QUALIFICATIONS

- Minimum 5 years AutoCAD experience coupled with 2 years design experience in Fire Protection systems including knowledge and experience of hydraulic designs
- Ability to read and coordinate with Architectural, Structural, Electrical and Mechanical drawings with minimal supervision provided by senior staff
- Ability to apply prescriptive requirements of applicable building and sprinkler codes (i.e. NFPA BCBC, etc.) with minimal supervision provided by senior staff
- HVAC and Plumbing design an asset
- Fire Alarm and Detection design an asset
- Revit experience an asset
- EIT or ASceT classification is an asset
- University degree or College diploma in Mechanical Engineering specialization is an asset

## THE COMPANY

Trust. Nurture. Inspire. We are agents of change.

### Intro to Integral Group

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Our vision is to be the leading global deep green engineering practice.

We believe that net zero energy buildings and living buildings need to become the norm within a generation.

Our passion for sustainable design runs deep.

Since inception, our firm has attracted talented engineers from around the world.

For us, sustainability is second nature and our design approach continues to be a reflection of our commitment to creating a better future for generations to come.

Our team's experience and training put them at the forefront of sustainable design practices and technologies. We are focused on making a difference in the world – and being a great place to work.

We offer a competitive compensation package, as well as excellent benefits, training, development, and an upbeat work environment.

Integral Group is an EEO employer.

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