

## Job Posting 22-004

### Intermediate Mechanical Engineer - Ottawa

#### Overview

Jp2g Consultants Inc. is an employee owned, multi-disciplinary consulting firm providing a comprehensive range of planning, engineering, environmental, and project management services to the public and private sectors, from offices located in Arnprior, Ottawa and Pembroke. Jp2g is committed to maintaining client satisfaction, encouraging employee growth, and enhancing the communities we live in.

Our growing Ottawa office currently requires a qualified **Intermediate Mechanical Engineer** to join our team. We're looking for someone who is hard working, motivated to develop their capabilities, and eager to increase their responsibilities within the company.

At Jp2g, you will work with a dynamic multi-disciplinary group of engineers, technicians, project managers, and planners. Jp2g believes in employee empowerment. As a valued member of our professional team, you will enjoy a unique working environment and be provided with opportunities to demonstrate your initiative while developing your skills.

#### Job Description

As a member of our professional team, you will be responsible for a variety of assignments for the Building Services Department. With Jp2g, you will have opportunities to work on a wide variety of projects, with emphasis on federal, commercial, and institutional clients. The focus of Jp2g's mechanical work includes new building, renovation, restoration and adaptive renewal, investigations, and reports.

#### Role and Responsibilities

*The role and responsibilities for the **Intermediate Mechanical Engineer** include, but are not limited to, the following. Employees may perform other related duties as negotiated to meet Jp2g's ongoing needs.*

#### Technical Skills

- ❖ Work with the Department Manager to develop engineering concepts, concept reports, and construction budgets
- ❖ Review codes and obtain preliminary approvals where appropriate
- ❖ Complete design of mechanical systems (fire protection, plumbing, HVAC and controls) for building projects including selection of mechanical equipment
- ❖ Complete layout of plumbing, piping, ductwork and equipment through complex facilities integrating multiple mechanical spaces and systems
- ❖ Prepare documents to supplement drawings in project bid packages
- ❖ Perform contract administration

#### Job Information

**Job ID:** 22-004

**Location:** Ottawa, Ontario

**Experience (years):** 5+

**Status:** Permanent, full-time

**Industry:** Building Services

**Number of Positions:** 1

#### How to Apply

Send your resume to:

**Email:** [careers@jp2g.com](mailto:careers@jp2g.com)

**Subject:** 22-004 – Intermediate Mechanical Engineer

*We thank all applicants for their interest; however only candidates selected for an interview will be contacted.*

# Job Posting 22-004

## Intermediate Mechanical Engineer – Ottawa



- ❖ Represent the mechanical portion of a project during the contract administration stage and carry out shop drawing reviews, prepare site instructions and CCNs, review progress draws, etc.
- ❖ Perform site inspections and prepare field observation reports

### Project Management, Quality Assurance and Teamwork

- ❖ Prepare fee proposals
- ❖ Assign and supervise delegated tasks for content and completion in assigned hours
- ❖ Coordinate mechanical systems installation requirements with other design disciplines
- ❖ Ensure proper coordination of documents with the other design disciplines
- ❖ Display initiative and resourcefulness in the performance of tasks
- ❖ Manage project tasks within assigned time and budget constraints
- ❖ Maintain existing business and develop new business opportunities
- ❖ Coordinate with industry, other disciplines, and clients
- ❖ Coordinate mechanical system installation requirements with other design disciplines
- ❖ Mentor junior staff

### Minimum Qualifications

- ❖ Bachelor's Degree in Mechanical Engineering
- ❖ 5+ years of experience in consulting or construction industry
- ❖ Professional Engineer, Licensed in the Province of Ontario
- ❖ Eligible to seek security clearances
- ❖ Valid driver's license
- ❖ ISO 9001:2015 Fundamental training (provided by Jp2g)

### Qualifications

- ❖ Sound understanding and engineering experience with mechanical building services including; fire protection, plumbing, HVAC and controls
- ❖ Strong ability to work independently and in a complex environment, dealing with multiple projects and clients
- ❖ Ability to work in a complex and fast-paced team environment, dealing with multiple projects and clients
- ❖ Sound communications skills (oral and written) as demonstrated through client and staff relations
- ❖ Knowledge of OBC, NBC, ASHRAE, CSA, and NFPA standards amongst others
- ❖ Familiar with HVAC software (such as Carrier HAP and Trane Trace) and NMS specifications
- ❖ Familiar with AutoCAD and NMS specifications
- ❖ Familiarity with Revit is considered an asset
- ❖ Strong sense of initiative and ability to prioritize tasks
- ❖ Excellent problem solving and decision-making skills
- ❖ Working knowledge of MS Office (Word, Excel, PowerPoint, etc.)
- ❖ Strong desire to learn and for advancement and professional development

### Compensation and Benefits

- ❖ Friday afternoons off year-round (36 hour/week)
- ❖ Group RSP opportunities
- ❖ Professional development and advancement opportunities
- ❖ Competitive compensation and benefits package
- ❖ Shareholder opportunities

*Proof of vaccination will be required to accommodate client-specific requirements.*

## Job Posting 22-004

### Intermediate Mechanical Engineer – Ottawa



*Jp2g is committed to fair and accessible employment practices. We will accommodate people with disabilities during the recruitment and assessment processes, and when people are hired. We will develop and put in place a process for developing individual accommodation plans and return-to-work policies for employees that have been absent due to a disability.*

*Offers of employment for safety-sensitive positions involving fieldwork are contingent upon candidates being able to perform key physical tasks of the job as described in the job posting and interview. This may include the ability to work in a variety of environmental conditions, such as remote or isolated areas, working alone, and in inclement weather (within safe and reasonable limits).*