

# **INSPECTOR, (MECHANICAL AND ENGINEERING DIVISION) 1**

## **GENERAL**

This is responsible inspection, liaison and investigation work involving mechanical equipment. Employees are required to make physical inspections under the various acts governing the installation, condition and operation of mechanical equipment and make recommendations for alterations or improvement of conditions where necessary.

## **TYPICAL DUTIES**

Ensures by inspection that mechanical equipment such as elevators, dumbwaiters, escalators, projection equipment, commercial, industrial and residential gas and oil equipment and electrical equipment are safely installed and in safe operating condition. Performs other related duties as assigned.

## **QUALIFICATIONS**

### **Knowledge, Abilities and Skills**

Considerable knowledge of legislation and regulations respecting the use and operation of mechanical equipment.

Considerable knowledge of effective inspection and investigation procedures and techniques.

Ability to liaise effectively with a variety of people concerning the acts and regulations governing and affecting the use and operation of mechanical equipment.

### **Education, Training and Experience**

High school education or equivalent and several years' related experience and/or the successful completion of an approved apprenticeship program and several years' related experience.

May be required to hold a current commercial and industrial licence and/or be bonded.

### **Physical Standards**

Physically capable of performing the duties assigned.

# **INSPECTOR, (MECHANICAL AND ENGINEERING DIVISION) 2**

## **GENERAL**

This is an advanced working level wherein the employees perform highly responsible inspection, investigation and liaison work. Employees may carry out inspection of designs and construction of buildings and assist in the approval of plans for industrial buildings and other types of occupancies. Employees may be required to inspect mechanical equipment to ensure that it is safely installed, serviced and operated and that all electrical equipment installed is free from fire and shock hazards. Employees of this class receive only general supervision and must exercise considerable initiative in the performance of their duties. Some supervision may be exercised over subordinate staff.

OR

On a regular basis, employees are authorized and required to perform two or more types of mechanical inspections as required under two or more Acts in areas such as elevators, gas and oil equipment and electrical equipment, ensuring that everything is safely installed and in safe operating condition.

## **TYPICAL DUTIES**

Ensures by inspection the adequacy of design and construction of buildings in areas of the province designated by the Minister as his/her responsibility.

Performs other related duties as assigned.

OR

Ensures by inspection that mechanical equipment is safely constructed, installed, serviced and operated by enforcing the legislation administered by the Division.

Advises owner and consulting engineers in matters pertaining to the requirements of this legislation.

Advises applicants for various licences and certificates of experience qualifications.

Performs other related duties as assigned.

OR

Regularly performs two or more types of mechanical inspections as required under two or more Acts related to electrical equipment, gas and oil fixed equipment, elevators, etc.

Performs other related duties as assigned.

### **Knowledge, Abilities and Skills**

Thorough knowledge of the acts and regulations to be enforced.

Ability to exercise considerable judgment and initiative.

Ability to communicate effectively orally and in writing.

Considerable knowledge of effective investigation and inspection techniques and procedures.

Ability to establish and maintain effective public relations.

### **Education, Training and Experience**

University or Community College training and considerable related experience or high school education and extensive related experience.

May also require the completion of an approved apprenticeship.

### **Physical Standards**

Physically capable of performing the duties assigned.