



FIRE PROTECTION SYSTEMS

RJ Bartlett Engineering Ltd has a thorough knowledge of fire protection system requirements in building codes, fire codes, and their referenced standards.

Involvement in committees dedicated to the development of applicable codes and standards for the design and installation for fire protection systems provide staff with an understanding of the origin and intent of these provisions.

RJ Bartlett Engineering Ltd provides evaluation, design and site review services for the following fire protection systems:

- Fire Detection and Alarm
- Emergency Voice Communication
- Emergency Lighting and Power
- Fire Suppression (including sprinkler, standpipe, foam, carbon dioxide, dry chemical, and wet chemical)
- Smoke Management (including smoke control and smoke venting)

An understanding of fire dynamics, code requirements, and systems technology enables **RJ Bartlett Engineering Ltd** to provide a complete engineering service for fire protection systems.

Typical projects include:

- Working as a sub-consultant or prime consultant in providing a complete engineering design and construction supervision service for sprinkler systems and fire detection and alarm systems.
- Smoke control system study to determine design and acceptance criteria, and testing procedures.
- Computer-based calculations to determine required design air flow volumes for achieving adequate smoke control and venting.
- Providing solutions for client considering gaseous fire suppression systems, foam systems or other specialized fire protection systems.



RJ Bartlett Engineering Ltd

FIRE PROTECTION IS OUR BUSINESS

RJ Bartlett Engineering Ltd has been providing fire protection engineering solutions since 1987.

Services are provided for clients and projects throughout Canada, several US states, Bermuda, the Caribbean, and Europe from its offices in Fredericton, NB and Halifax, NS.

RJ Bartlett Engineering Ltd specializes in fire protection engineering, building code consulting, and investigative engineering. Capabilities include design of fire protection systems, building and fire code consulting, development of alternative solutions, fire hazard analysis, fire safety planning, commissioning, and investigative engineering.

The goal of **RJ Bartlett Engineering Ltd** on any project is to ensure that the overall design meets both the fire protection and life safety objectives of the Codes and Standards as well as the requirements of the client/owner from both an economic and design standpoint.

Our Quality Management System (QMS) for all levels of the organization enables our commitment to a program of continuous improvement. This commitment to quality supports our goal of remaining an industry leader in providing quality fire protection engineering and building code consulting services.

Please refer to our website at www.rjbartlett.com for more information.

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"...the expertise, professionalism and knowledge RJ Bartlett Engineering brings to the table is second to none."

—Jeff Vautour, Troy Life and Fire Safety Ltd.