



CGI Risk Management Services

**Municipal Consulting Services
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For more than 120 years, from Canadian Underwriters Association and IAO, CGI have conducted Fire Underwriters Survey (FUS) services on behalf of the Canadian Insurance Industry.

Municipal fire defense reviews have helped guide the improvement of municipal fire defenses in many communities across Canada. Public fire protection surveys are used to establish municipal gradings for insurance purposes.

Using the expertise developed in providing these important FUS services, CGI now also offers a host of public fire protection services that can assist municipalities to improve their facilities and services cost-effectively, contributing to a safer environment for employees and the public.

Government cutbacks place more pressure on municipalities to reduce expenses while maintaining the same level of services that include: water supply flow testing; fire department restructuring and amalgamation; fire department apparatus design and requirements; loss control consultation and training.



Assessment of water supply systems:

- ❖ Calculation of fire flow requirements, based on structural conditions;
- ❖ Testing of water systems to determine adequacy of flows;
- ❖ Testing of hydrants;
- ❖ Evaluation of hydrant and valve maintenance programs;
- ❖ Evaluating water distribution systems water models for adequacy and reliability;
- ❖ Water model calibration testing.

Fire Department Apparatus Design and Requirements:

- ❖ Evaluation of fire apparatus and their maintenance programs;
- ❖ Fire apparatus distribution studies;
- ❖ Fire apparatus specifications.



Fire Department Operations:

- ❖ Fire station location studies;
- ❖ Fire department restructuring studies;
- ❖ Strategic and master planning;
- ❖ Fire service communication systems evaluation;
- ❖ Review of fire department records;
- ❖ Pumper service tests;
- ❖ Tanker shuttle field tests;
- ❖ Training and staffing evaluations.

Site-Specific Inspections:

- ❖ Fire risk analysis of communities;
- ❖ Municipal site studies;
- ❖ Survey of facilities with reference to fire and vandalism exposures;
- ❖ Audit of municipal inspection programs.

Other:

- ❖ Seminars and workshops;
- ❖ Development of self-inspection forms and programs;
- ❖ Sale of publications.

