

Glossary of Terms

Consumer fireworks	Outdoor, low-hazard recreational fireworks such as showers, fountains, golden rain, Roman candles, volcanoes, sparklers and caps for toy guns which fall under Part 16 of the Federal Explosives Regulation.
Display fireworks	Outdoor, high-hazard recreational fireworks such as display shells, bombshells, large wheels, barrages, bombardos, waterfalls and mines which fall under Part 18 of the Federal Explosives Regulation.
Special effect pyrotechnics	Pyrotechnic special effects are created through the firing of pyrotechnic, propellant and explosive materials and devices and are used by the entertainment industry for indoor and outdoor performances. Examples are bullet effects, flash powders, smoke compositions, gerbs, lances and saxons which fall under Part 17 of the Federal Explosives Regulation
Fireworks Operator Certificate	Certification issued on completion of the Display Fireworks Safety and Legal Awareness course. Certification requirements vary between designations of Display Assistant, Display Supervisor, Display Supervisor with Endorsements. The training is provided by the Explosive Regulatory Division (ERD) of Natural Resources Canada (NRCan). Most certificates must be renewed every 5 years.
Operator	A user who holds a Fireworks Operator Certificate.
Show Provider	People who are authorized to put on fireworks displays.
Explosives Act	A Federal Act respecting the manufacture, testing, acquisition, possession, sale, storage, transportation, importation and exportation of explosives and the use of fireworks.
Explosives Regulation	In accordance with the <i>Explosives Act</i> , the <i>Regulation</i> lists

Attachment 5

	the rules that address the details and practical applications of the law.
Display Fireworks Manual 2010	The manual corresponds with the federal <i>Explosives Act</i> and <i>Explosives Regulations</i> and raises the level of awareness of safety and legal aspects of using display fireworks.
Tier I	The City of Edmonton process for obtaining a permit for discharge of consumer firework devices without operator certification on private land. This is a free permit.
Tier II	The City of Edmonton process for obtaining a permit for discharge of any of: consumer, display, pyrotechnic device fireworks by certified applicants. The permit costs range from \$147 for low hazard/consumer fireworks to \$181 for ground, low, high level fireworks as per Fire Rescue Services Bylaw 15309, Schedule B - Permits.
Fallout Zone	<p>The Display Fireworks Manual lists the minimum distances from the firing site to the public, structures, vehicles, etc. A fallout zone is the area in which fireworks debris is likely to fall, taking into account the properties of the fireworks to be used, the angle from which they will be fired and the anticipated weather conditions.</p> <p>The circular fallout zone diameter is calculated by doubling the burst height of a fireworks. For example, a 30 meter burst height firework requires a circular site fallout zone with the radius of 60 meters from .</p>