

# ***MJR Masonry Inc.***

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## **USE OF EXPLOSIVE/POWER ACTUATED FASTENING TOOLS**

### **General**

There are a number of tools utilizing an explosive charge in use throughout the construction industry to drive fastenings.

The manufacturers of these devices provide detailed instructions regarding their use and maintenance. These instructions, along with the legislation specifically set out for their use, shall be closely adhered to at all times.

The following general recommendations apply to all explosive/powder actuated tools.

1. Only properly trained and qualified operators are to use this type of tool. The user shall possess proof of this training issued by the manufacturer, authorized dealer/distributor, or other competent source.
2. The tool must be CSA standard approved for "Explosive Actuated Fastening Tools".
3. The tool should be loaded just prior to use with the correct load for the job anticipated. Tools should never be loaded and left to sit or be moved to an alternate work site after being loaded.
4. The tool should never be pointed at anyone, whether loaded or unloaded. Hands should be kept clear of the muzzle end at all times.
5. Explosive/powder actuated tools should always be stored in their proper lockable boxes.
6. Explosive/powder actuated tools must never be used in an explosive atmosphere.

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7. When used, the tool must be held firmly and at right angles to the surface being driven into.
8. Eye protection must be worn by the operator. Where there is a danger of spalling, full face protection must be worn. Hearing protection is also to be worn in confined areas.
9. To prevent free-flying studs, ensure that the material being driven into will not allow the stud to completely pass through it (ie. glass block, hollow tile etc.)
10. Manufacturers' recommendations should be consulted and followed whenever there is a doubt about the material being driven into, maintenance procedures, or load strength to be used.
11. Always be aware of the other workers. Where a hazard to other workers is created by this operation, signs and barricades identifying the hazard area are mandatory.