

CLASS OF GATES

GLOSSARY

CLASS I: RESIDENTIAL VEHICULAR GATE OPERATOR

A vehicular gate operator (or system) intended for use in a home of a one- to four-family dwelling, or a garage or parking area associated therewith.

CLASS II: COMMERCIAL/GENERAL ACCESS VEHICULAR GATE OPERATOR

A vehicular gate operator (or system) intended for use in a commercial location or building such as a multi-family housing unit (five or more single family units), hotel garages, retail store or other building servicing the general public.

CLASS III: INDUSTRIAL/LIMITED ACCESS VEHICULAR GATE OPERATOR

A vehicular gate operator (or system) intended for use in an industrial location or building such as a factory or loading dock area or other locations not intended to service the general public.

CLASS IV: RESTRICTED ACCESS VEHICULAR GATE OPERATOR

A vehicular gate operator (or system) intended for use in a guarded industrial location or building such as an airport security area or other restricted access locations not servicing the general public, in which unauthorized access is prevented via supervision by security personnel.

Key Points

- The sales/installation company must match the site application with the class of operator and the necessary safety devices.
- Each job must be looked at individually and each entrapment point should be protected with **at least** one primary and one secondary device.
- Slide gates, including rear cantilever support area as well as any fence the gate slides by, should be guarded so that a 2-1/4 inch sphere cannot pass through. Gaps between fixed posts and the moving gate should also be guarded. **Reach through injuries are the most common and the most dangerous.**
- No controls (pushbuttons, card readers, keypads, etc) should be mounted within 10ft of a moving gate.
- A pedestrian gate should always be available.
- Cantilever rollers must be guarded.
- Warning signs must be permanently affixed to the gate panel (a photograph of the installation is recommended for proof of proper installation).
- CLASS I and CLASS II gates are limited in speed to one foot per second.
- Service and preventative maintenance contracts are recommended to ensure safe and proper operation of the system.
- UL325 does not address gate operators installed before relevant provisions have taken effect, but it is strongly recommended that you advise your customers in writing of the recommended safety standards; particularly if you have serviced the operator.
- The UL standards are considered to be **a minimum** amount of safety protection.