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FENCING

SPECIALISTS

**INDUSTRY
GATE SAFETY**

COMPLIANCE IS NOT OPTIONAL

**INDUSTRIAL & COMMERCIAL
GATE SAFETY COMPLIANCE GUIDE**

UL 325 & ASTM F2200 REQUIREMENTS



Nevada adopted UL 325 requirements for electrically operated vehicular gates installed after March 1, 2000 (*NRS 405.270*)



NEVADA ADOPTED UL 325 INTO LAW BECAUSE:

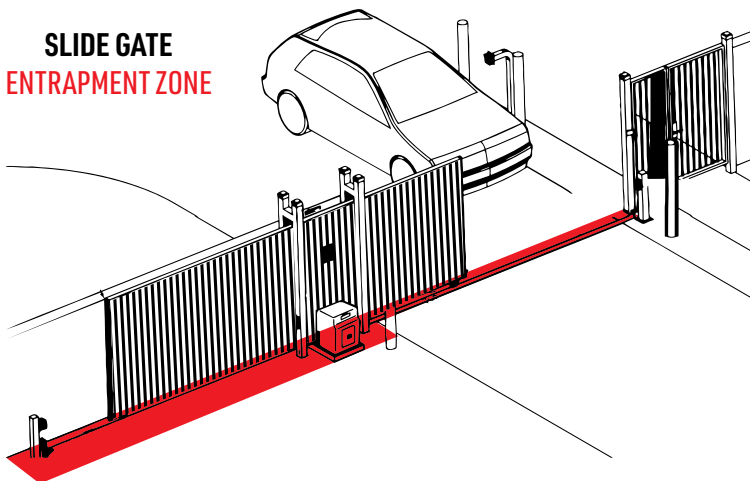
- *Entrapment and injury hazards were documented with older systems*
- *UL 325 provides protections that prevent injuries and fatalities*
- *Legal adoption protects the public and reduces liability exposure*
- *Adoption aligns Nevada with national model codes*



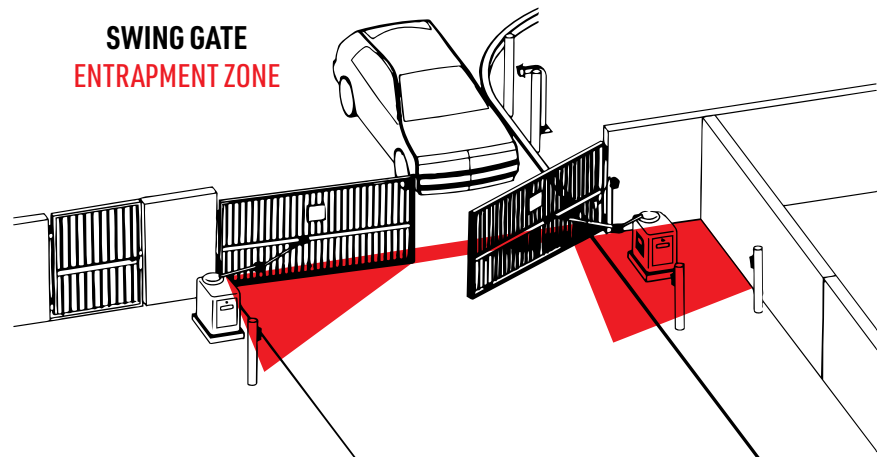
NON-COMPLIANT GATES EXPOSE OWNERS TO:

- *Injury Claims*
- *OSHA Investigations*
- *Insurance Denial*
- *Litigation*
- *Operational Shutdown*

**SLIDE GATE
ENTRAPMENT ZONE**



**SWING GATE
ENTRAPMENT ZONE**



UL 325 REQUIREMENTS



UL 325 governs the operator and entrapment protection.

- 1. Two independent means of entrapment protection per direction of travel (*open and close*), protecting all entrapment zones.**
- 2. Monitored safety devices**
- 3. Proper operator classification (Class III or IV for industrial sites)**

WHAT IS ENTRAPMENT —AND WHY IT MATTERS

Entrapment occurs when a person becomes caught between a moving gate and a fixed object. UL 325 requires protection at every entrapment zone.

If obstruction is detected, the gate must stop, reverse, or enter alarm shutdown mode.

EXPANDED UL 325 REQUIREMENTS

UL 325 requires monitored entrapment protection devices, proper wiring methods, and correct operator class selection.

OPERATOR CLASSES

CLASS I

Residential vehicular gates

CLASS III

Industrial limited-access vehicular gates

CLASS II

Commercial & General access vehicular gates

CLASS IV

Restricted access, guarded industrial sites



ASTM F2200 REQUIREMENTS



ASTM F2200 governs the construction of the gate system.

1. Guarded openings - 2 1/4 inch sphere rule for slide gates up to 6 feet
2. Pinch point protection for exposed rollers and hardware
3. Requires separate pedestrian access and construction safeguards
4. A minimum of two warning signs, one on each side of the gate, clearly visible
5. Structural stability to prevent gate fall hazards





CERTIFIED COMPLIANCE FENCING SPECIALISTS

Fencing Specialists employs **Certified Gate Automation Technicians (AFA—CGAT)** and **Certified Gate Automation Designers (ACI—CGAD)**.

Our certified professionals understand UL 325, ASTM F2200, Nevada law, entrapment zone identification, operator classifications, and monitored safety device requirements.

We design and install systems that follow the standards and guidelines—not shortcuts.

OUR SERVICES INCLUDE

- *UL 325 Compliance Evaluations*
- *Entrapment Zone Identification*
- *ASTM F2200 Construction Review*
- *Operator Classification Verification*
- *Safety Device Monitoring Verification*
- *Code-Compliant Upgrade & Retrofit Design*
- *Annual Safety Inspections*
- *Documentation For Insurance & Risk Management*

PROFESSIONAL CERTIFICATIONS



AMERICAN FENCE ASSOCIATION

Certified Gate Automation Technician (CGAT)



ACCREDITATION & CERTIFICATION INSTITUTE

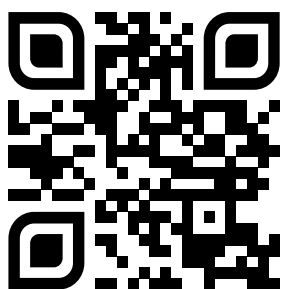
Certified Gate Automation Designer (CGAD)

THE COST OF NON-COMPLIANCE

When an injury occurs, investigators look for UL 325 listed operators, two independent entrapment protections per zone, proper warning signage, guarded pinch points, monitored safety devices, and separate pedestrian access.

WAIVERS DO NOT OVERRIDE SAFETY STANDARDS.

**LEARN MORE
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