

Automated Vehicular Gate Systems

Swing and Slide Gate Operator UL 325 and ASTM F2200 Site Planning Safety Checklist

Installation Location:	Installer's Company Name:
Address:	Address:
City/State/ZIP:	City/State/Zip:
Phone:	Phone:
Customer's Signature:	Installer's Signature:

UL 325 STANDARD

Component						Result (Circle)	Figures (On Back)
1. Gate Operator is approved to current UL 325 Standard (check for ETL, UL, CSA, etc.)						Pass / Fail	
2. Proper gate warning signs attached to both sides of gate area						Pass / Fail	1, 3
3. All potential entrapment zones protected by minimum of two independent entrapment protection devices						Pass / Fail	1, 3
Type A	Type B1	Type B2	*Type C	Type D			
Close Direction (circle at least two)	Inherit Reverse	Photo Eye	Reversing Edge	Inherit Force Limiting Device	Continuous Pressure Actuating Device	Pass / Fail	
Open Direction (circle at least two)	Inherit Reverse	Photo Eye	Reversing Edge	Inherit Force Limiting Device	Continuous Pressure Actuating Device	Pass / Fail	
UL 325 Usage Class (circle one)	I	II	III	IV			

Potential Entrapment Zone: Locations between a moving gate and a counter opposing edge or surface where entrapment is possible up to 1.8 m (6 ft) above grade

*For swing gates with this feature

Gate Construction Evaluation: Gate Constructed with Safety in mind. ASTM F2200 Standards are followed

ASTM F2200 SAFETY GUIDE

Component						Result (Circle)	Figures (On Back)
All GATES							
Gates have smooth bottom edges, no protrusions exceed ½" beyond base of gate						Pass / Fail	2
All access controls at least 6 ft from gate						Pass / Fail	1, 3
Barbed tape (razor wire) at least 8 ft above grade						Pass / Fail	
Barbed wire at least 6 ft above grade						Pass / Fail	
Separate pedestrian gate – away from any part of the moving gate – automated gate is for vehicular traffic only						Pass / Fail	1, 3
Gate does not move on its own if disconnected from operator						Pass / Fail	
Gates prevented from falling over if disconnected from supporting hardware						Pass / Fail	
Other specific site considerations						Pass / Fail	
SWING							
Distance from pivot point to column edge is less than 4" or external entrapment protection is provided						Pass / Fail	1A
Distance from open gate to wall or column greater than 16" or external entrapment protection is provided						Pass / Fail	1A
SLIDE							
All weight bearing exposed rollers 8 ft (2.44 m), or less, above grade shall be guarded or covered						Pass / Fail	
Meshing installed up to 6 ft above grade if pickets spaced equal to or greater than 2¼" apart						Pass / Fail	4B
Gap between gate and fence post less than 2¼" or gap protected with external entrapment protection device						Pass / Fail	3
Positive stops at both fully open and fully closed positions						Pass / Fail	3
Receiver guides recessed behind receiver post for receiver guides less than 8 ft above grade						Pass / Fail	3



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Contact Nice | HySecurity for an operator/parts distributor near you.

Only install the operator on gates for vehicular traffic, not for pedestrian use.

