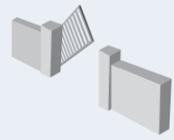
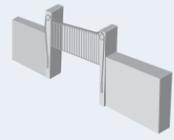


## 2016 UL 325 ENTRAPMENT PROTECTION

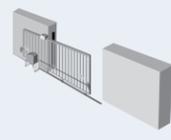
### IDENTIFY ENTRAPMENT AREAS



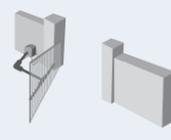
VERTICAL PIVOT GATE



VERTICAL LIFT GATE



SLIDING GATE



SWINGING GATE



OVERHEAD GATE

It is the contractor's responsibility to determine the number of potential areas where the risk of entrapment may exist. A minimum of two independent means of monitored protection must be present at all motorized gate entrapment points. The same device cannot be used for both means.

### MONITOR PRESENCE & FUNCTION



Most UL listed gate operators manufactured after January 12, 2016 incorporate a monitored inherent (built-in) device along with an additional input for a monitored external device. These external sensors are monitored for presence and function at least once during each operation cycle.

### PROTECT COMPLIANT DEVICES



OPERATOR  
ACCESSORIES



REFLECTIVE & THRU-BEAM  
PHOTO EYES



EDGES &  
EDGE ACCESSORIES

As the pioneer of gate safety, Miller Edge's gate collection includes photo eyes and gate edges, which are available in multiple monitored electrical configurations. In addition, monitored accessories offer compatibility with nearly any operator brand to suit your safeguarding needs.

## GATE SAFETY MATTERS



## UNDERSTANDING GATE SAFETY CODES & STANDARDS



# WHY COMPLY?



## AHJ

(Authority Having Jurisdiction)  
Adopts & enforces codes by state, locality, etc.

## LOCAL ENFORCERS

States, localities, and agencies adopt codes

## OSHA

(Occupational Safety & Health Administration)  
Government agency that regulates workplaces.

## RESIDENTIAL & COMMERCIAL CODES

Codes adopt standards established by nationally recognized testing labs

### IRC 2012

(International Residential Code ≥2012)  
A code regulating the construction of 1-2 family dwellings limited to three stories above grade plane.

### IFC 2009

(International Fire Code ≥2009)  
Regulates fire safety for buildings, facilities, storage, processes, and fire apparatus access roads.

### IBC 2009

(International Building Code ≥2009)  
Provides requirements to safeguard the public health, safety, and general welfare of the occupants of new and existing buildings and facilities thereof.

### ICC

(International Code Council)  
Develops model codes and standards used in the design, build, and compliance process to construct safe, sustainable, affordable, and resilient structures. Supports IRC, IFC, IBC, and others.

### NFPA 70: NEC

(National Fire Protection Agency)  
Adopted in 50 states, the NEC is the benchmark for safe electrical design, installation, and inspection to protect people and property from electrical hazards. Contributes to IRC, IFC, and IBC.

## NATIONALLY RECOGNIZED TESTING LABS

Independent facilities that provide testing and certification services to manufacturers for compliance with safety standards

### ASTM F2200

Standard specifications for automated vehicular gate construction

AUTOMATED GATE OPERATOR

GATE INSTALLER

### UL325

A safety standard for door, gate, drapery, louver, and window operators and systems. Specifically, UL 325 applies to electric operators and other opening/closing appliances rated 600 volts or less.

## SAFETY MATTERS