



ELECTRIC GATE SAFETY

The diagrams below show typical installations of swing and sliding gate automation systems. The diagrams detail hazards associated with any automated gate.

Swing Gate



Do not enter during operation



Danger of crushing, avoid during operation

Sliding Gate



Danger of electrocution



Hazardous areas, do not enter during operation

Semi automatic operation: Sometimes called Deadman operation

This is a gate that will only operate when it receives a signal i.e push button being held down.

Check:

- ✓ That the operator of the gate has a clear and unobstructed view of the gate, which extends to all of its operation. Remember that when opening a sliding gate, the trailing edge of the gate has the potential to create a trap point
- ✓ That the control cabinet is housed in a weatherproof enclosure that is lockable
- ✓ That pedestrians have an alternative method of entry and exit (wherever possible pedestrians should not use a vehicular gate) giving alternative access in the event of the gate failing
- ✓ That there are clearly visible signs advising that the gate is an automated device
- ✓ That trained operatives regularly maintain the gate and that full servicing records are kept
- ✓ That the gate was originally manufactured and installed as an automated device and has not simply been modified to offer automation features

Fully automatic operation

This is a gate that is activated by a device (intercom, radio control etc) and the gate will open, pause and close automatically

Check:

- ✓ That the gate features the necessary safety devices to protect the user and other pedestrians from any potential trap points, see pictures on reverse
- ✓ That the gate is operating with the correct force as stated by the regulations (this should be the minimum required to enable the gate to operate)
- ✓ That the people responsible for the gate have been trained in the safe operation of the gate and its maintenance requirements
- ✓ That the control cabinet is housed in a weatherproof enclosure that is lockable
- ✓ That pedestrians have an alternative method of entry and exit (wherever possible pedestrians should not use a vehicular gate) giving alternative access in the event of the gate failing
- ✓ That there are clearly visible signs advising that the gate is an automated device
- ✓ That trained operatives regularly maintain the gate and that full servicing records are kept

The above list of safety measures is for guidance only and a site-specific risk assessment should always be carried out.

For information visit www.gate-safe.co.uk

Making Gates **Safe**