



ZONE GUARD

PNEUMATIC



ZoneGuard™ is Designed and Distributed in Australia by
Access Technologies
ask-us@accesstechnologies.com.au

Concerned about Site Safety?

The ZoneGuard™ Model ZG-P1 Pneumatic Boom Gate is designed to provide an automatic gate solution for hazardous environments where the use of an electric boom gate may be unsafe due to the risk of fire or explosion.

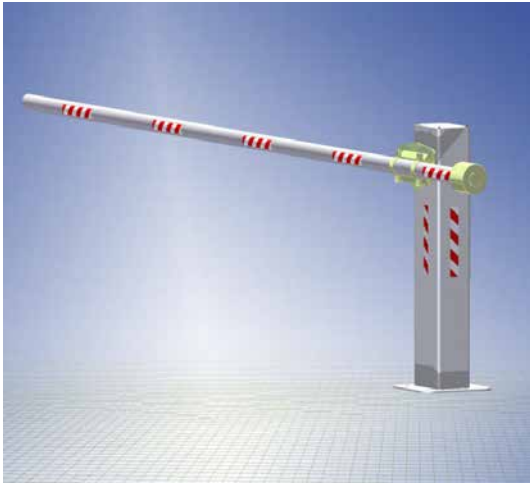
ZoneGuard™ comes ready to connect into your Programmable Logic Controller (PLC) or other Industrial Control System, providing you with the assurance that you have provided a safe system for securing hazardous areas at your site.

The product is available with a 5.4-metre boom arm length as standard (to suit 4.5-metre opening width), and other boom arm lengths can be manufactured by special order.

Look at these product features...

- Ball-bearing shaft for silent operation.
- Fully counter-balanced for smooth operation.
- Soft stops at both ends of travel.
- Class 2 reflective striping fitted to both the post and the boom arm.
- All steel components zinc plated for superior corrosion resistance.
- Optional bolt cage available for easy mounting.





we put you in control... ZoneGuard™ ZG-P1

Product Specifications



ZoneGuard™ Model ZG-P1 is ideal for:

- Oil and gas installations - including drilling, downstream processing, and fuel distribution facilities.
- Facilities storing LPG or other flammable gases.
- Facilities storing oxygen or other oxidants.
- Facilities storing flammable liquid-based inks, paints, and hydro-carbon solvents.
- Alcoholic beverage manufacturers and wineries.
- Food and pharmaceutical factories which use fine powders that may be subject to an explosion risk.

ZoneGuard™ Boom Arm and Rotating Assembly:



| | |
|--------------------|--|
| Boom Arm Length: | 5.4 m as standard to suit 4.5 m opening (other lengths to order) |
| Boom Arm Material: | 80mm O.D. Aluminium tube, 3mm wall |
| Spindle Bearing: | 80mm deep groove ball bearing |
| Boom Arm Bolts: | 4 x M8 Zinc Plated Steel |

ZoneGuard™ Mounting Post Assembly:

| | |
|------------------|---|
| Mounting Post: | 300mm x 200mm steel RHS c/w steelcap |
| Base Plate: | 10mm mild steel base plate |
| Boom Arm Height: | 1100mm above base plate |
| Shipping Weight: | 95Kg (complete assembly including boom arm) |
| Mounting Holes: | 22mm diameter holes for 20mm Chemical Anchors |

ZoneGuard™ Electrical & Pneumatic:

| | |
|---------------------|---|
| Inlet Air Pressure: | 8 Bar (Min) to 10 Bar (Max) (Clean and Dry) |
| Control Signal: | 24 VDC |
| Rating: | Intrinsically safe to AN9003 |

