

## 1. Objective and Scope

To describe how to correctly deploy Saferoads Rapid Stop Portable Emergency Vehicle Access Gate.

## 2. Important Note:

Saferoads Rapid Stop Portable Bollard has been independently crash tested and can stop a 5000lbs / 2270kg vehicle travelling at 37mph / 60kph. PAS Rating: N1G - 48 (2500kg 4x4 Dual Cab Pickup) @48kph

The Rapid Stop Portable Security Bollard is unobtrusive, allowing free flow of foot traffic through the system, including easy access for prams and wheelchairs. It does not inhibit the timely evacuation of pedestrians in case of an emergency.

## 3. Personal protective equipment (PPE)

The following is mandatory PPE.



Safety Boots (steel capped) with rubber soles.



Eye protection is compulsory



Hearing protection is compulsory



Hi-Viz must be worn when installing product



Gloves must be worn when installing product



Hi-Viz Protective Clothing is to be worn

## 4. Equipment Required

- 2 x M20 Countersunk bolts per segment;
- Joiner bracket
- 12mm Hex Key;
- Hex Key Driver; and

## 5. Qualifications and Competencies

- Safe use of hand tools;
- Manual handling; and
- Road traffic management.

## 6. Safety Note



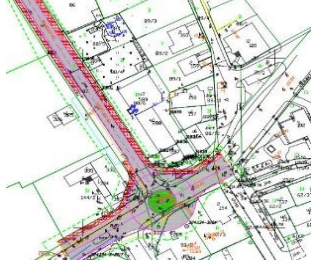








Prior to commencing the deployment, ensure that there is adequate traffic management. Whenever possible, personnel should remain on the non-traffic side of the installation.



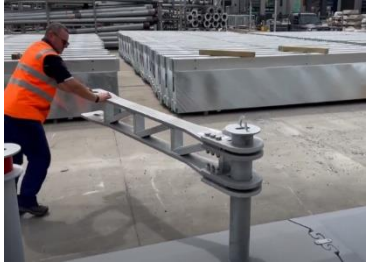

Ensure that a risk assessment is performed by the relevant staff and communicated thoroughly to all relevant staff and sub-contractors.

Ensure that a SWMS raised and is reviewed and communicated thoroughly to all relevant staff and sub-contractors.

Ensure that all lifting equipment is reviewed prior to use and that all equipment is compliant. Ensure that all operators have the relevant and valid licences and tickets (HRW).

7. Deployment

Step 1 – Identify right location	Step 2 – Surface	Step 3 – Warning label
		
<p>Ensure that you are in the right location for the installation.</p>	<p>Ensure that the intended surface is free from any foreign objects or debris.</p>	<p>Ensure that all operators are well aware of the potential pinch points.</p>
Step 4 – Pinch point	Step 5 – Surface	Step 6 – Restraining the gate arm
		
<p>These have been highlighted by the warning labels on the product</p>	<p>Using an appropriate compliant lifting device, place the emergency vehicle access gate into the desired location.</p>	<p>Prior to moving the gate section, ensure that the gate arm is tied back to the bollard section to prevent the gate from swinging during movement.</p>
Step 7 – Moving the gate	Step 8 – Gate positioning	Step 9 – Gate positioning
		
<p>Once the vehicle access segment of the system is in place, the Rapid Stop portable gate segment can be deployed alongside it.</p>	<p>High Mounted Note: The gate system consists of top and bottom handed segments. Note that one gate sits higher than the other. This will ensure that they close without interference.</p>	<p>Low Mounted Note: The gate system consists of top and bottom handed segments. Note that one gate sits higher than the other. This will ensure that they close without interference.</p>

Step 10 – Attaching the gate	Step 11 – Securing	Step 12 – Swing the gate arms
		
<p>Once in the desired position, lower the gate system in line with the vehicle access segment. Note: Ensure that all fingers and feet are well clear</p> <p>Repeat the process with the other gate unit at the opposite end.</p>	<p>Secure the joiner bracket in the designated slot between the two connectors using the two M20 countersunk screws. Tighten with the 12mm hex key.</p>	<p>Swing the gate arms together</p>
Step 13 – Joining gates		Step 14 – Final checks, housekeeping and clean worksite
	<ul style="list-style-type: none"> <li>• Sweep any excess dirt or debris from the site and collect any left-over parts</li> <li>• Housekeeping practices adhered to and worksite is left clean and safe; and</li> <li>• Items have been fitted correctly and safely.</li> <li>• Workmanship is to specification;</li> <li>• Materials quality is acceptable;</li> <li>• Unused materials are removed; and</li> <li>• Quality checks performed.</li> <li>• Surrounds are restored to prior condition; and</li> <li>• No spillage and/or damage to any soil, habitat, atmosphere or drainage.</li> </ul>	
<p>Join with the pin. Be aware of any pinch point hazard. Installation Complete</p>		

## SOP REVISION UPDATES

SOP Amendment Level		
Rev #	Date	Comment
1	22/11/2023	a. PPE Icons updated / layout change– No Revision change
1	10/05/2022	a. Review by Manager – Supply, Safety and Systems – No Revision change (format only)
1	01/02/2021	b. New Format