



# SOP – INSSOP045 – Rapid Stop Portable Bollards – End Plate

Rev 1 (24/04/2024) – Owner: Chief Operating Officer



ROAD SAFETY RENTAL

## 1. Objective and Scope

To describe how to correctly install Saferoads Rapid Stop Portable Security Bollards End Plate.

## 2. Important Note:

Saferoads Rapid Stop Portable Bollard has been independently crash tested and can stop a 5000lbs / 2270kg vehicle travelling at 37mph / 60kph.

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

- a) 1 x M20 Countersunk bolts per segment;
- b) 12mm Hex Key;
- c) Hex Key Driver; and

## 5. Qualifications and Competencies

- a) Safe use of hand tools;
- b) Manual handling; and
- c) 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. Installation

<b>Step 1 – Picking up end plate</b>	<b>Step 2 – Positioning end plate</b>	<b>Step 3 – Delineator orientation</b>
		
<p>Working in a team of two, pick up the end plate. Check for insects (spiders etc.) prior to picking up.</p>	<p>Place the end plate at the end of the Rapid Stop Portable bollard. Ensure the fingers are kept clear</p>	<p>Insert the M20 countersunk bolt into the attachment point and do up finger tight</p>
<b>Step 4 – Bolting end plate</b>	<b>Step 5 – Bolting end plate</b>	<b>Step 6 – Complete</b>
		
<p>Using the 12mm hex key, tighten the bolt</p>	<p>Ensure that the countersunk bolt is tight, and the end plate is flush with the Rapid Stop Portable bollard.</p>	<p>Repeat the process at the other end of the portable bollard. Installation Complete</p>
<b>Step 7 – Final checks, housekeeping and clean worksite</b>		
<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 and 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>		

SOP REVISION UPDATES

SOP Amendment Level		
Rev #	Date	Comment
1	19/04/2024	a. New SOP