

Installation Guidance for Cycle Wands

1 Purpose

- 1.1 This document provides the installation guidance for the installation of a cycle wand on the TLRN.
- 1.2 This document acts as a supplementary guidance to any installation manual from the wand supplier.
- 1.3 This document is also supplementary to an agreed risk assessment method statement for safe installation of the product.

2 Background

- 2.1 There are several suppliers in the market providing traffic cylinders or wands that may be used for cycle segregation purposes. As of September 2022, there is no industry standard or guidance for wands. As such, various sizes, shapes, colours, fixing details and performance levels exist in the market. To provide a consistent message to road users, TfL developed a Technical Specification for Cycle Wands that standardises their size, appearance, and performance.
- 2.2 This guidance supplements the Technical Specification, providing specific advice on the installation of wands to achieve the required tightness (30 Nm).

3 Installation Guidance

- 3.1 For new wand installations, follow the Installation guidance provided by the supplier first before proceeding to the steps listed in 3.3.
- 3.2 The tools required for tightening the wand to 30 Nm are a strap wrench and a torque wrench with 30Nm within its range, ensuring both wrenches have the same drive size. Example images of both items are shown below.



- 3.3 The steps for installing the wand to 30Nm are as follows:
 1. Set the torque wrench to 30Nm.
 2. Attach the strap wrench to the base of the wand and tighten any slack.
 3. Attach the torque wrench head to the strap wrench.
 4. Rotate clockwise until 30Nm is reached.