

## NZTA Thrie-Beam Installation Checklist

Customer:

Project:

Barrier ID:

Barrier Length:

Checked By:

Signed:

Date:

Installation is to be in accordance with NZTA M23, NZTA-B3, and/or Engineers specification.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Rail height, 610mm to centerline of Thrie-Beam, unless specified otherwise.	<input type="checkbox"/> Yes	<input type="checkbox"/> No
One post coach bolt per post and modified block only. To be installed in the top post hole	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Backing pieces at fitted at the intermediate post only	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Flange based post, the necked bolts are installed with washer as specified and are tight	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Have the rails been spliced observing the correct lap	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Have the rails been spliced with M16x32mm mushroom head bolts and Snug Tight	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Modified Blockout is fixed to I-Post with 2 No. M16x50 bolt, washer and nut diagonally	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is the Thrie-Beam suitably anchored with approved End-Terminals or transitions	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Are the cables in the terminals tensioned to their nominated torque	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Has any damage been repaired with two coats of organic zinc rich paint	<input type="checkbox"/> Yes	<input type="checkbox"/> No
The barrier forms a smooth line vertically and horizontally when viewed along the system	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Is the barrier system free from humps, sags, or other irregularities	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Has the ground around the barrier been left dense, tight and smooth	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Are the barrier components free from splits, burrs or sharp edges after installation	<input type="checkbox"/> Yes	<input type="checkbox"/> No

**NOTE:** This checklist is to be read in conjunction with NZTA standard drawings B3 and B4, NZTA SP/SM M23 / M23A and these will take full precedence over conditions in this checklist.

**Disclaimer**

Important Note: The conformity of the installation is the responsibility of the installation contractor, and Ingal Civil Products accepts no liability for or in connection with any installation that is outside of the specifications of the NZTA. For more information, please refer to our Standard Terms and Conditions of Sale available on our website: [www.ingalcivil.co.nz](http://www.ingalcivil.co.nz).