



# Certificate of Accuracy

## Static Camera Site

### Halo Camera Alignment

<b>Equipment Description:</b>	Redflex Halo camera system
<b>Equipment Serial Number:</b>	NZHAL 0006
<b>Manufacturer:</b>	Verra Mobility
<b>Location:</b>	Matakana Road, Warkworth
<b>Site Number:</b>	S000019

I certify that the Redflex Halo camera system at this site has been aligned in accordance with the camera manufacturer's design requirements and specifications.

I, being a person duly authorised for the purpose by the Agency, certify pursuant to section 146 of the Land Transport Act 1998, that the said device, being a part of Approved Vehicle Surveillance Equipment, at the said site was tested on the date below and is accurate.

**Signature:**

A black rectangular box redacting the signature of the authorised person.

**Name of Authorised Person:**

A black rectangular box redacting the name of the authorised person.

**Date of Test**

22/10/2025

**Date of Certificate Expiry**

21/10/2026

Report ID: HAL-25014  
Certificate ID: CA-25075





# Certificate of Accuracy

## Static Camera Site

### Halo Camera Alignment

<b>Equipment Description:</b>	Redflex Halo camera system
<b>Equipment Serial Number:</b>	NZHAL 0007
<b>Manufacturer:</b>	Verra Mobility
<b>Location:</b>	Matakana Road, Matakana
<b>Site Number:</b>	S000020

I certify that the Redflex Halo camera system at this site has been aligned in accordance with the camera manufacturer's design requirements and specifications.

I, being a person duly authorised for the purpose by the Agency, certify pursuant to section 146 of the Land Transport Act 1998, that the said device, being a part of Approved Vehicle Surveillance Equipment, at the said site was tested on the date below and is accurate.

**Signature:**

**Name of Authorised Person:**

**Date of Test**

**Date of Certificate Expiry**

22/10/2025

21/10/2026

Report ID: HAL-25015  
Certificate ID: CA-25076





## CERTIFICATE OF TEST OF A SPEED MEASURING DEVICE

**Device description:** HALO Type 42 3DHD Radar

**Manufacturer:** Verra Mobility

**Permanent distinguishing marks:** 0x0004020B-0x000406D2

**Date and time of test:** 22/09/2025 @ 13:00

**Date of expiry of this certificate:** 22/09/2026

**Test results:** As stated in SGS Report TC253065

**Uncertainty of value(s):** As stated in SGS Report TC253065

**Customer:** NZ Transport Agency Waka Kotahi

I hereby certify that:

- (1) the tests were conducted by a duly authorised person for the purpose by the Agency, certify pursuant to Section 146 of the Land Transport Act 1998 that the said device was tested on the date and is accurate.
- (2) this device was found to operate in accordance with the manufacturer's specifications for speed simulation measurement. All readings of speed or speeds of 100km/h and under were accurate within an accuracy tolerance of 1km/h; and for speeds over 100km/h were accurate within an accuracy tolerance of 1%.  
Full details are given in SGS Australia Report TC253065
- (3) following satisfactory completion of these tests, the device's speed computing unit was sealed using tamper evident adhesive seal.

**Signature:**

**Name of signatory:**

**Position of signatory:**

**Testing laboratory:**

SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628  
10/585 Blackburn Road, Notting Hill, VIC 3168, Australia







## CERTIFICATE OF TEST OF A SPEED MEASURING DEVICE

**Device description:** HALO Type 42 3DHD Radar

**Manufacturer:** Verra Mobility

**Permanent distinguishing marks:** 0x0003F8BB-0x0003B826

**Date and time of test:** 22/09/2025 @ 12:00

**Date of expiry of this certificate:** 22/09/2026

**Test results:** As stated in SGS Report TC253064

**Uncertainty of value(s):** As stated in SGS Report TC253064

**Customer:** NZ Transport Agency Waka Kotahi

I hereby certify that:

- (1) the tests were conducted by a duly authorised person for the purpose by the Agency, certify pursuant to Section 146 of the Land Transport Act 1998 that the said device was tested on the date and is accurate.
- (2) this device was found to operate in accordance with the manufacturer's specifications for speed simulation measurement. All readings of speed or speeds of 100km/h and under were accurate within an accuracy tolerance of 1km/h; and for speeds over 100km/h were accurate within an accuracy tolerance of 1%.  
Full details are given in SGS Australia Report TC253064
- (3) following satisfactory completion of these tests, the device's speed computing unit was sealed using tamper evident adhesive seal.

**Signature:**

**Name of signatory:**

**Position of signatory:**

**Testing laboratory:** SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628  
10/585 Blackburn Road, Notting Hill, VIC 3168, Australia



This document is issued, on the Client's behalf, by the Company under its General Conditions of Service printed overleaf.  
The Client's attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.

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SGSPAPER  
21181067







## CERTIFICATE OF TEST OF APPROVED VEHICLE SURVEILLANCE EQUIPMENT

**Equipment description:** Redflex Halo speed and average speed camera system  
**Radar type:** Type 42  
**Radar Serial Number at entry:** 0x0004020B-0x000406D2  
**Radar Serial Number at exit:** 0x0003F8BB-0x0003B826  
**Equipment Serial Number at entry:** NZHAL 0006  
**Equipment Serial Number at exit:** NZHAL 0007  
**Manufacturer:** Verra Mobility  
**Site Number/Location at entry:** S000019/Matakana Road, Warkworth  
**Site Number/Location at exit:** S000020/ Matakana Road, Matakana  
**Zone Number:** E000001  
**Zone Location:** Matakana Road, Warkworth to Matakana Road, Matakana  
**Field test report number:** TS250954  
**Date of field test:** 23/10/2025  
**Date of expiry of this certificate:** 22/09/2026

**Declaration that the equipment has been tested** I certify that this Approved Vehicle Surveillance Equipment has been tested in accordance with the manufacturer's specifications and the calculated speed for the time measurement elapsed between vehicles passing the first and second datum points—is within a limit of error not exceeding the following:

≤ 100km/h +/- 2.5km/h

**Declaration of authorised person** I, duly authorised for the purpose by the Agency, certify pursuant to Section 146A of the Land Transport Act 1998 that the said Approved Vehicle Surveillance Equipment was tested on the date and found to be accurate and operating properly.

**Signature:**

**Name of signatory:**

**Position of signatory:**

**Testing entity:**

SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628  
10/585 Blackburn Road, Notting Hill, Victoria 3168, Australia







## CERTIFICATE OF TEST OF APPROVED VEHICLE SURVEILLANCE EQUIPMENT

**Equipment description:** Redflex Halo speed and average speed camera system  
**Radar type:** Type 42  
**Radar Serial Number at entry:** 0x0003F8BB-0x0003B826  
**Radar Serial Number at exit:** 0x0004020B-0x000406D2  
**Equipment Serial Number at entry:** NZHAL 0007  
**Equipment Serial Number at exit:** NZHAL 0006  
**Manufacturer:** Verra Mobility  
**Site Number/Location at entry:** S000020/Matakana Road, Matakana  
**Site Number/Location at exit:** S000019/ Matakana Road, Warkworth  
**Zone Number:** E001082  
**Zone Location:** Matakana Road, Matakana to Matakana Road, Warkworth  
**Field test report number:** TS250955  
**Date of field test:** 23/10/2025  
**Date of expiry of this certificate:** 22/09/2026

**Declaration that the equipment has been tested** I certify that this Approved Vehicle Surveillance Equipment has been tested in accordance with the manufacturer's specifications and the calculated speed for the time measurement elapsed between vehicles passing the first and second datum points—is within a limit of error not exceeding the following:

≤ 100km/h +/- 2.5km/h

**Declaration of authorised person** I, duly authorised for the purpose by the Agency, certify pursuant to Section 146A of the Land Transport Act 1998 that the said Approved Vehicle Surveillance Equipment was tested on the date and found to be accurate and operating properly.

**Signature:**

**Name of signatory:**

**Position of signatory:**

**Testing entity:**

SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628  
10/585 Blackburn Road, Notting Hill, Victoria 3168, Australia



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Any other holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Clients instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents.

SGSPAPER  
21181179



# Traffic Control Device Certificate – Average Speed Camera System

Section 146E, Land Transport Act 1998



<b>Average speed camera system</b>	Matakana Road, Warkworth to Matakana Road, Matakana	
<b>NZTA reference</b>	E000001	
<b>Detection point</b>	Matakana Road, Warkworth	S000019
<b>Location of traffic control device</b>	GPS (WGS84) -36.382806, 174.661639	
<b>Date of expiry</b>	23 November 2026	

I certify that the photo of the traffic control device above was taken on 24 November 2025. The traffic control device is located at the start of the average speed camera system stated above to inform drivers travelling on the road they are about to pass the first detection point of the system. This average speed camera system was gazetted by the Director of Land Transport on 23 October 2025.

Signature:



Date: 24 / 11 / 2025

Name of signatory:



Position of signatory:





# Traffic Control Device Certificate – Average Speed Camera System

Section 146E, Land Transport Act 1998



<b>Average speed camera system</b>	Matakana Road, Matakana to Matakana Road, Warkworth	
<b>NZTA reference</b>	E001082	
<b>Detection point</b>	Matakana Road, Matakana	S000020
<b>Location of traffic control device</b>	GPS (WGS84) -36.365953, 174.707750	
<b>Date of expiry</b>	23 November 2026	

I certify that the photo of the traffic control device above was taken on 24 November 2025. The traffic control device is located at the start of the average speed camera system stated above to inform drivers travelling on the road they are about to pass the first detection point of the system. This average speed camera system was gazetted by the Director of Land Transport on 23 October 2025.

Signature:



Date: 24 / 11 / 2025

Name of signatory:



Position of signatory:

