



ACT
Government

Chief Minister, Treasury and
Economic Development

Freedom of Information Publication Coversheet

The following information is provided pursuant to section 28 of the *Freedom of Information Act 2016*.

FOI Reference: CMTEDDFOI 2019-039

| Information to be published | Status |
|---------------------------------------------------|-----------|
| 1. Access application | Published |
| 2. Decision notice | Published |
| 3. Documents and schedule | Published |
| 4. Additional information identified | No |
| 5. Fees | N/A |
| 6. Processing time (in working days) | 30 |
| 7. Decision made by Ombudsman | N/A |
| 8. Additional information identified by Ombudsman | N/A |
| 9. Decision made by ACAT | N/A |
| 10. Additional information identified by ACAT | N/A |

From: [TCCS_FreedomOfInformation](#)
To: [CMTEDD FOI](#)
Cc: [Martyniak, Alexandra](#)
Subject: FULL Transfer request : Traffic Infringement 274 517 6006 - Request for Payment Plan based on Financial Hardships
Date: Tuesday, 19 February 2019 9:47:48 AM
Attachments: [Doc 02-15-2019 15-13-51.pdf](#)

UNCLASSIFIED Sensitive

Hi CMTEDD team

I note that CMTEDD (camera review office and parking) has also received this request. As the matter falls within CMTEDD's portfolio, do you accept a full transfer.

Regards

Nicole Bruan | Freedom of Information Coordinator

Phone 02 6205 5408 | Email: tccs.foi@act.gov.au

Legal and Contracts | Transport Canberra and City Services Directorate |

ACT Government | GPO Box 158 Canberra ACT 2601 | www.tccs.act.gov.au

From: [REDACTED]
Sent: Tuesday, 19 February 2019 1:11 AM
To: TCCS_FreedomOfInformation <TCCS.FOI@act.gov.au>
Cc: CMTEDD, Parking Review <ParkingReview@act.gov.au>; TrafficCameraOffice <TCO@act.gov.au>; CMTEDD, TCO Review <TCOReview@act.gov.au>; TrafficCameraOffice <TCO@act.gov.au>; Laundess, Daniel <Daniel.Laundess@act.gov.au>; Webster, Jodi <Jodi.Webster@act.gov.au>
Subject: Fwd: Traffic Infringement 274 517 6006 - Request for Payment Plan based on Financial Hardships

Dear Sir or Madam,

I make the FOI request (as per attached form) from the TCO, and they did not provide the information requested (see several emails below).

I request all fee's associated with the request be paid by the TCO as they failed to provide the requested public documents in relation to the 'alleged' traffic camera offense.

Kind regards,

[REDACTED]
19/2/2018

1:06am

----- Forwarded message -----

From: [REDACTED]
Date: Mon, Oct 8, 2018 at 10:04 AM
Subject: Re: Traffic Infringement 274 517 6006 - Request for Payment Plan based on Financial Hardships
To: CMTEDD, Parking Review <ParkingReview@act.gov.au>, <TCO@act.gov.au>, CMTEDD, TCO Review <tcoreview@act.gov.au>, <trafficcameraoffice@act.gov.au>
Cc: <Daniel.Laundess@act.gov.au>, <Jodi.Webster@act.gov.au>

Dear All,

To take action on this matter, I am making a request for a payment. Please include details of my application with the 2 attached pdf documents.

Please confirm Bpay instructions for payment if you grant the payment plan.

Kind regards,

[REDACTED]

8/10/2018

10:02am

On Sat, Sep 29, 2018 at 2:53 AM <[REDACTED]> wrote:

Dear Jodi, CC TCO.

It has been 12 days since I requested:

- 1) copy of the last quality report on the speed camera used for the measurement of and subsequent issuing of **Infringement Notice Number 274 517 6006.**
- 2) details of the speed camera model/type used and the name of the manufacturer so we can complete our investigation into the matter, and provide a response to the infringement Notice issued for **Infringement Notice Number 274 517 6006.**

I encourage you to provide this information soon so we can complete our investigation into this matter, and take appropriate action in a timely manner.

Your assistance is highly appreciated.

Faithfully,

[REDACTED]

29/9/2018

2:52am.

On Mon, Sep 17, 2018 at 3:01 PM [REDACTED] wrote:

Dear Ms Webster,

In addition to the last request, I would request a copy of the last quality report on the speed camera used for the measurement of and subsequent issuing of **Infringement Notice Number 274 517 6006.**

Kind Regards,

17/9/2018

3:00pm

On Mon, Sep 17, 2018 at 2:48 PM <[REDACTED]> wrote:

Dear Ms Webster,

Thank you for your email, along with the details provided.

Further to the information supplied, I request details of the speed camera model/type used and the name of the manufacturer so we can complete our investigation into the matter, and provide a response to the infringement Notice issued for **Infringement Notice Number 274 517 6006**.

Kind Regards,

17/9/2018

2:47pm

On Fri, Aug 31, 2018 at 12:26 PM Webster, Jodi <Jodi.Webster@act.gov.au> wrote:

Dear [REDACTED]

RE: Infringement Notice Number 274 517 6006

I have received your correspondence requesting information in regards to the traffic offence detection device used to detect your vehicle on 9 March 2018.

I can confirm that the camera was a mobile unit, the vehicle was located on The Valley Avenue between Kate Crace Street and Gungahlin Drive, opposite Burgmann College on the centre medium strip. The exact GPS location (Longitude/latitude) of the speed detection unit was -35.187726/149.123275

Pursuant to sections 104 and 104A of the *Road Transport (Safety and Traffic Management) Regulations 2000*, all speed measuring devices must be tested every twelve months. I have examined the records in relation to the device used to detect your vehicle 1GA1DP and can advise that it was tested on 22 January 2018 and found to be operating within the manufacturer's specifications.

104 Major testing of laser speed measuring devices

(1) The following devices must be tested in accordance with this section at least once every 12 months:

- (a) a laser speed measuring device;
- (b) the laser speed measuring device component of a digital camera detection device.

(2) The test must be carried out—

- (a) by a person approved under section 106 (Approved people—testing

and sealing); and

(b) in accordance with Australian Standard AS 4691.1-2, as in force on the commencement of this paragraph.

Note 1 The text of an applied, adopted or incorporated law or instrument, whether applied as in force from time to time or at a particular time, is taken to be a notifiable instrument if the operation of the Legislation Act, s 47 (5) or (6) is not disapplied (see s 47 (7)).

Note 2 A notifiable instrument must be notified under the Legislation Act.

(3) The Legislation Act, section 47 (5) does not apply in relation to subsection (2) (b).

(4) The test must show whether the device—

(a) is operating in accordance with the manufacturer's specifications; and

(b) is accurate within a tolerance of 2km/h.

(5) For this section, it is sufficient for the laser speed measuring device component of a digital camera detection device to be tested separately from the other components of the device, and it is not necessary for the other components to be tested.

104A Major testing of other traffic offence detection devices

(1) The following devices must be tested in accordance with this section:

(a) a radar speed measuring device that is not a component of a fixed camera detection device or a digital camera detection device;

(b) a radar speed measuring device component of a fixed camera detection device or a digital camera detection device;

(c) an approved police speedometer;

(d) the loop detector speed measuring device component of a fixed camera detection device;

(e) the piezo strip speed measuring device component of a fixed camera detection device.

(2) The devices mentioned in subsection (1) must be tested at least once every 12 months.

(3) The test must be carried out by a person approved under section 106 (Approved people—testing and sealing).

(4) The test of a radar speed measuring device that is not a component of a fixed camera detection device, or a digital camera detection device, must show whether the device is operating in accordance with Australian Standard AS 2898.1-2, as in force on the commencement of this subsection.

Note 1 The text of an applied, adopted or incorporated law or instrument, whether applied as in force from time to time or at a particular time, is taken to be a notifiable instrument if the operation of the Legislation Act, s 47 (5) or (6) is not disapplied (see s 47 (7)).

Note 2 A notifiable instrument must be notified under the Legislation Act.

(5) The Legislation Act, section 47 (5) does not apply in relation to AS 2898.1-2 under subsection (4).

(6) The test of the radar speed measuring device component of a fixed camera detection device, or a digital camera detection device, must show whether the device—

- (a) is operating in accordance with the manufacturer's specifications; and
 - (b) for speeds of 100km/h and under—is accurate within a tolerance of 2km/h; and
 - (c) for speeds over 100km/h—is accurate within a tolerance of 2%.
- (7) The test of an approved police speedometer must show whether the device is accurate within a tolerance of 2%.
- (8) The test of the loop detector speed measuring device component of a fixed camera detection device must show whether the speed measuring device—
- (a) for speeds of 100km/h and under—is accurate within a tolerance of 2km/h; and
 - (b) for speeds over 100km/h—is accurate within a tolerance of 2%.
- (9) The test of the piezo strip speed measuring device component of a fixed camera detection device must show whether the speed measuring device—
- (a) is operating in accordance with the manufacturer's specifications; and
 - (b) is accurate within a tolerance of 2km/h.

Regards

Jodi Webster | Office Manager, Traffic Camera Office

Telephone: 02 6207 7182 | Jodi.Webster@act.gov.au

Access Canberra | Chief Minister Treasury and Economic Development Directorate | ACT Government

Cosmo Building Bowes Street Phillip ACT 2606 | PO Box 582 Dickson ACT 2602 | Email: TCO@act.gov.au

This email, and any attachments, may be confidential and also privileged. If you are not the intended recipient, please notify the sender and delete all copies of this transmission along with any attachments immediately. You should not copy or use it for any purpose, nor disclose its contents to any other person.



ACT
Government

Transport Canberra
and City Services

Freedom of Information – Access Application Form

PRIVACY NOTICE

The personal information you supply on this form will only be used for the purpose of processing your request. Your application must include an email or postal address to which the respondent can send notices under the Act. If all or some of this information is not collected, Transport Canberra and City Services may not be able to communicate with you, inhibiting their obligations under the Act. This could mean the request cannot be dealt with. Your personal information will not be disclosed to a third party without your consent unless statutory obligations require otherwise.

The Transport Canberra and City Services Privacy Policy contains information on how you can access or seek to correct any of your personal information that is held by the Transport Canberra and City Services, as well as the process for lodging a complaint about an alleged breach of the *Information Privacy Act 2014*. The Privacy Policy can be found on the Transport Canberra and City Services website at www.tccs.act.gov.au.

Applicant details

I wish to make an access application to Transport Canberra and City Services under the *Freedom of Information Act 2016*.

| | |
|------------------------------------------------------------------------------------------------------|------------|
| Name | [Redacted] |
| Address (where notices relating to this request can be sent – either postal or electronic) | [Redacted] |
| Telephone Contact (Business Hours) | [Redacted] |
| Telephone Contact (Mobile) | [Redacted] |
| Email Contact | [Redacted] |

What documents are you requesting under the Act?

- To help Transport Canberra and City Services process your request, please include enough detail in your application so that we can fully understand what government information you want.
- You may wish to include a statement about how the release of information is in the public interest.
- If your application is for access to your own personal information you must include evidence of your identity. If you are an agent acting for an applicant, please supply evidence of your authorisation and evidence of the identity of the agent.
- If for reasons in section 30 of the Act is not compliant and your application cannot be processed, Transport Canberra and City Services will take reasonable steps to assist you and give you reasonable time to amend your application if you wish.

Fee Waiver

If you wish to apply for a fee waiver, the Act sets out a number of provisions to do so:

- The information being requested was previously publicly available but no longer is.
- The information being requested is of special benefit to the public (Ombudsman guidelines see Section 66).
- The applicant is a concession card holder and demonstrates a material connection with the information requested (concession cards include a current health care or pensioner card issued under the Social Security Act 1991; a current pensioner concession card issued in relation to a pension under the Veterans' Entitlements Act 1986 or the Military Rehabilitation and Compensation Act 2004; a current gold card; or a card prescribed by regulation).
- The applicant is a not-for-profit organisation and the application relates to the activities or purposes of the organisation.
- The applicant is a member of the Legislative Assembly.

Transport Canberra and City Services must waive any fees for providing information if the information was not publicly available and the agency makes the information publicly available before or within 3 working days after giving it to the applicant.

Fee waiver application (fill in if applicable. Otherwise leave blank)

I would like to apply for a fee waiver because (state reason/s from the list above).

As this information was requested from the Traffic Camera Office via email 22/08/2018, 17/09/2018, 29/09/2018, 3/10/2018, and via post on 30/11/2018. I will there not be paying any fee's associated with this request. I request all fees be passed onto the ACT Traffic Camera Office as they have failed to make this information of a public document available to substantiate the alleged fine #2745176006.

| | |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <p>I would like The details requested below in relation to INFRINGEMENT NOTICE NUMBER 2745176006</p> | <p>a copy of these documents sent to the above address OR to inspect these document</p> |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|

| | |
|------------------------------------|-------------------------------|
| <p>APPLICANTS SIGNATURE</p> | <p>DATE OF REQUEST</p> |
| | <p>8/2/2019.</p> |

Details requested in this Freedom of information - Access Application:

1. Camera Information

a) Confirmation if this was a i) mobile traffic camera or a i) fixed traffic camera detecting speed.

b) i) How often the Camera is checked for quality of operation,

ii) and the last time it was checked and

iii) documented results of the quality check on the speed camera that was in use when it was last checked for quality.



ACT
Government

Chief Minister, Treasury and
Economic Development

Our ref: CMTEDDFOI 2019-039

[REDACTED]

via email: [REDACTED]

Dear [REDACTED]

FREEDOM OF INFORMATION REQUEST

I refer to your application under section 30 of the *Freedom of Information Act 2016* (the Act), received by the Chief Minister, Treasury and Economic Development Directorate (CMTEDD) on 18 February 2019. You are seeking access, in respect of Infringement Notice Number 2745176006, to:

Camera Information

- a) Confirmation if this was a mobile traffic camera or a fixed traffic camera detecting speed.
- b)
 - (i) How often the Camera is checked for quality of operation;
 - (ii) and the last time it was checked and
 - (iii) documented results of the quality check on the speed camera that was in use when it was last checked for quality.

Authority

I am an Information Officer appointed by the Director-General under section 18 of the Act to deal with access applications made under Part 5 of the Act.

In accordance with section 40 of the Act, CMTEDD was required to provide a decision on your access application by 19 March 2019. However, as a result of third party consultation, this deadline has now been extended by 15 working days. The new deadline is 9 April 2019.

Decision on access

Points a), b)(i) and b(ii) above have been previously answered in an email to you by Ms Jodi Webster of the Traffic Camera Office on 31 August 2018. As such the documents supplied are in relation to point b)(iii).

Searches were completed for relevant documents and 3 documents were identified that fall within the scope of your request. I have decided to grant access in full to 1 document and partial access to 2 documents.

The information redacted in the documents is information which I consider to be, on balance, contrary to the public interest to disclose under the test set out in section 17 of the Act.

I have included as **Attachment A** to this decision the schedule of relevant documents. This provides a description of each document that falls within the scope of your request and the access decision for each of those documents.

My access decisions are detailed further in the following statement of reasons and the documents released to you are provided as **Attachment B** to this letter.

In accordance with section 54(2) of the Act a statement of reasons outlining my decisions is below.

Statement of Reasons

In reaching my access decisions, I have taken the following into account:

- the Act;
- the content of the documents that fall within the scope of your request; and
- the *Human Rights Act 2004*.

Public Interest Test

The Act has a presumption in favour of disclosure. As a decision maker I am required to decide where, on balance, public interest lies. As part of this process I must consider factors favouring disclosure and factors favouring non-disclosure.

In *Hogan v Hinch* (2011) 243 CLR 506, [31] French CJ stated that when 'used in a statute, the term [public interest] derives its content from "the subject matter and the scope and purpose" of the enactment in which it appears'. Section 17(1) of the Act sets out the test, to be applied to determine whether disclosure of information would be contrary to the public interest. These factors are found in subsection 17(2) and Schedule 2 of the Act.

Taking into consideration the information contained in the documents found to be within the scope of your request, I have identified that the following public interest factors are relevant to determine if release of the information contained within these documents is within the 'public interest'.

Factors favouring disclosure (Schedule 2.1)

- Sch 2.1(a)(i) promote open discussion of public affairs and enhance the government's accountability;
- Sch 2.1(a)(ii) contribute to positive and informed debate on important issues or matters of public interest.

Factors favouring non-disclosure (Schedule 2.2)

- Sch 2.2(a)(ii) prejudice the protection of an individual's right to privacy or any other right under the *Human Rights Act 2004*;
- Sch 2.2(a)(xi) prejudice trade secrets, business affairs or research of an agency or

person;

Having considered the factors identified as relevant in this matter, I consider that release of information contained in these documents may contribute to open, positive and informed debate on important issues or matters of public interest by allowing you to have a record of the requested documents associated with the issuing of Infringement Notice Number 2745176006.

However, when considering this finding against the factors favouring non-disclosure, I am satisfied that the protection of an individual's right to privacy, especially in the course of their employment with a contracted company, is a significant factor as the parties involved have provided their personal information for the purposes of employment. This, in my opinion, outweighs the benefit which may be derived from releasing the personal information of the individual's involved in this matter. These individuals are entitled to expect that the personal information they have supplied as part of this process will be dealt with in a manner that protects their privacy.

I have also considered the impact of disclosing information which relates to business affairs. In the case of *Re Mangan and The Treasury* [2005] AATA 898 the term 'business affairs' was interpreted as meaning 'the totality of the money-making affairs of an organisation or undertaking as distinct from its private or internal affairs'. Schedule 2 section 2.2(a)(xi) allows for government information to be withheld from release if disclosure of the information could reasonably be expected to prejudice the trade secrets, business affairs or research of an agency or person.

Having applied the test outlined in section 17 of the Act and deciding that release of personal and business information contained in the documents is not in the public interest to release, I have chosen to redact this specific information in accordance with section 50(2). Noting the pro-disclosure intent of the Act, I am satisfied that redacting only the information that I believe is not in the public interest to release will ensure that the intent of the Act is met and will provide you with access to the majority of the information held by CMTEDD within the scope of your request.

Folios 2-7 of the identified documents contain information that I consider, on balance, to be contrary to the public interest to disclose under the test set out in section 17 of the Act.

Charges

Processing charges are not applicable for this request because the number of pages being released are less than 50.

Online publishing – Disclosure Log

Under section 28 of the Act, CMTEDD maintains an online record of access applications called a disclosure log. Your original access application, my decision and documents released to you in response to your access application will be published in the CMTEDD disclosure log after 8 April 2019. Your personal contact details will not be published.

You may view the CMTEDD disclosure log at
<https://www.cmtedd.act.gov.au/functions/foi/disclosure-log>.

Ombudsman Review

My decision on your access request is a reviewable decision as identified in Schedule 3 of the Act. You have the right to seek a review by the Ombudsman of this outcome under section 73 of the Act within 20 working days from the day that my decision is published in the CMTEDD disclosure log, or a longer period allowed by the Ombudsman.

If you wish to request a review of my decision you may write to the Ombudsman at:

The ACT Ombudsman
GPO Box 442
CANBERRA ACT 2601
Via email: ombudsman@ombudsman.gov.au

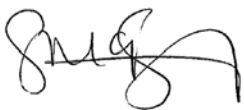
ACT Civil and Administrative Tribunal (ACAT) Review

Under section 84 of the Act, if a decision is made by the Ombudsman under section 82(1), you may apply to the ACAT for a review of the Ombudsman decision. Further information may be obtained from the ACAT at:

ACT Civil and Administrative Tribunal
Level 4, 1 Moore St
GPO Box 370
Canberra City ACT 2601
Telephone: (02) 6207 1740
<http://www.acat.act.gov.au/>

Should you have any queries in relation to your request please contact me by telephone on 6207 7754 or email CMTEDDFOI@act.gov.au.

Yours sincerely,



Sarah McBurney
Information Officer
Information Access Team
Chief Minister, Treasury and Economic Development Directorate
2 April 2019



ACT
Government

Chief Minister, Treasury and
Economic Development

FREEDOM OF INFORMATION REQUEST SCHEDULE

| NAME | WHAT ARE THE PARAMETERS OF THE REQUEST | Reference NO. |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| | <p>Camera Information</p> <p>a) Confirmation if this was a mobile traffic camera or a fixed traffic camera detecting speed.</p> <p>b) (i) How often the Camera is checked for quality of operation; (ii) and the last time it was checked; and (iii) documented results of the quality check on the speed camera that was in use when it was last checked for quality.</p> | 2019-039 |

| Ref No | Page number | Description | Date | Status | Reason for Exemption | Online Release Status |
|-------------------------|-------------|-------------------------|------------|-----------------|----------------------------------------|-----------------------|
| 1 | 1 | Offence image | 09/03/2018 | Full release | N/A | Yes |
| 2 | 2 | Calibration certificate | 22/01/2018 | Partial release | Sch 2 s2.2(a)(ii) Sch 2 s2.2(a)(xi) | Yes |
| 3 | 3-8 | Calibration report | 22/01/2018 | Partial release | Sch 2 s2.2(a)(ii) Sch 2 s2.2(a)(xi) | Yes |
| Total No of Docs | | | | | | |
| 3 | | | | | | |

Digital Infringement

File View Image Help

Infringement Details

| | | | | | | | | | | | |
|------------|------------|-------------|--------|----------|------|------|------------|-----------|-----------|----------|------|
| Session No | 1803091145 | Operator | OP0031 | Location | 3002 | Date | 09/03/2018 | Device | PS-698013 | Image No | 0008 |
| Disk | 0869 | Speed Limit | 40 | Speed | 48 | Time | 12:29:12.0 | Direction | T | | |

| Date / Time | Location | Speed |
|---------------------|-----------------------------------------------------------------------------|---------|
| 9/03/18 12:29:12 PM | 3002 - 3002A-The Valley Avenue-Gungahlin - KateCrace Street/Gungahlin Drive | 48 km/h |

| | | | | | | |
|------------------|------------|-------------|--------|-------------|----------|---------------------------------------------|
| Registration No | 1GA1DP | State | VIC | Adjudicator | MKS1 | <input type="button" value="Unadjudicate"/> |
| Adjudicated Date | 13/03/2018 | Adjudicated | Action | Description | Speeding | <input type="checkbox"/> Motorcycle |



CERTIFICATE OF TEST OF A SPEED MEASURING DEVICE IN ACCORDANCE WITH THE ACT ROAD TRANSPORT (SAFETY AND TRAFFIC MANAGEMENT) REGULATION 2000 IN FORCE UNDER THE ACT ROAD TRANSPORT (SAFETY AND TRAFFIC MANAGEMENT) ACT 1999

Device description: Vitronic PoliScan Speed M1 HP
Sch 2.2(a)(xi)

Manufacturer: Vitronic

Permanent distinguishing marks: PoliScan Serial No.: Sch 2.2(a)(xi)

Date of test: 22/01/2018

Date of expiry of this certificate: 22/01/2019

I hereby certify that:

(1) this laboratory is a testing authority as described in chapter 4 of the *ACT Road Transport (Safety and Traffic Management) Regulation 2000*

(2) the tests were conducted by an approved person employed within the testing authority to test and seal traffic offence detection devices in accordance with chapter 4 of the *ACT Road Transport (Safety and Traffic Management) Regulation 2000*

(3) this device was found to operate in accordance with the manufacturer's specifications for speed measurement. All readings of speed or speeds of 100km/h and under were accurate within a tolerance of 2km/h; and for speeds over 100km/h were accurate within a tolerance of 2%. Full details are given in SGS Australia Report TC180084

Sch 2.2(a)(ii)

Signature:

Date: 24/01/2018

Name of signatory:

Sch 2.2(a)(ii)

Position of signatory:

Calibration Engineer

Testing laboratory:

SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628

10/585 Blackburn Road, Notting Hill VIC 3168

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.

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



Calibration Report

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------|
| Report Reference Number | | TC180084 |
| Test Scope | | Certification of Scanning LIDAR Based Speed Measurement Device |
| Date of Issue | | 24/01/2018 |
| Date and Time of Test | | 22/01/2018 @ 14:00 |
| Sch 2.2(a)(ii) | | |
| Compiled by | | Sch 2.2(a)(ii) Calibration Engineer |
| Approved by | | Sch 2.2(a)(ii) Senior Calibration Engineer |
| Testing Laboratory | | |
| SGS Australia Pty Ltd, NATA Accredited Laboratory No. 18628 | | |
| 10/585 Blackburn Road, Notting Hill VIC 3168 | | |
| Applicant | | |
| Vitronic Machine Vision Australia Pty Ltd | | |
| 10/27-33 Thornton Cres, Mitcham, VIC 3132 | | |
| <p>This document is issued by the Company under its General Conditions of Service accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any 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 Client's 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. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.</p> <p>Accredited for compliance with ISO/IEC 17025.</p> <p>The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.</p> <p>NATA is a signatory to the APLAC mutual recognition arrangement for the mutual recognition of the equivalence of testing, calibration and inspection reports.</p> | | |

Summary of Results

The device under test is Compliant with the requirements of SGS test procedure PR-TE-027-1.

Comments:

- A compliant result indicates that the measurement results fall within specification limits by an amount at least equivalent to the uncertainty of measurement for all tests except for the speed simulation test where the measurement results fall within the specification limits combined with uncertainty of the test.
- Testing performed at Vitronic Machine Vision Australia Pty Ltd (10/27-33 Thornton Cres. Mitcham VIC 3132)

Device Under Test Description

Description:

| Item | Model/Part No. | Serial No |
|----------------------|-----------------------|-----------|
| PoliScan Speed M1 HP | Sch 2.2(a)(xi) | |
| Camera 1 | | |
| Camera 2 | | |
| Lidar | | |
| Application Hash | Sch 2.2(a)(xi) | |
| Software Version | | |

Condition:

- The device under test was found to be in a satisfactory physical condition.

Test Equipment

| Item | ID | Calibration Due Date |
|-----------------------|----|----------------------|
| Sch 2.2(a)(xi) | | |

Environmental Conditions

The ambient temperature and humidity at the time of test are shown below:

| Ambient temperature (°C) +/-1 °C | Relative humidity (%) +/-4% |
|----------------------------------|-----------------------------|
| 33.9 | 37.1 |

Test Results

Functional Test:

| Test | Verdict |
|-------------------|----------------|
| Low Voltage | Sch 2.2(a)(xi) |
| OS Check | |
| Visual Inspection | |

Time Accuracy Test

| DUT Simulated Time (s) | Measured Elapsed Time (s) |
|------------------------|---------------------------|
| 0.999911 | Sch 2.2(a)(xi) |

Distance Test

| Range (m) | DUT Indicated Range (m) |
|-----------|-------------------------|
| 19.420 | Sch 2.2(a)(xi) |

Lidar/Camera Relative Angle Test (Uncompensated)

| Item | Angle (mRad) |
|------------------------------------|----------------|
| Vertical deviation Lidar/Camera1 | Sch 2.2(a)(xi) |
| Horizontal deviation Lidar/Camera1 | |
| Vertical deviation Lidar/Camera2 | |
| Horizontal deviation Lidar/Camera2 | |

Lidar/Camera Relative Angle Test (Compensated)

| Item | Angle (mRad) |
|------------------------------------|----------------|
| Vertical deviation Lidar/Camera1 | Sch 2.2(a)(xi) |
| Horizontal deviation Lidar/Camera1 | |
| Vertical deviation Lidar/Camera2 | |
| Horizontal deviation Lidar/Camera2 | |

Speed Simulation Test

| Simulated Speed (km/h) | DUT Indicated Speed (km/h) | UOM (km/h) |
|------------------------|----------------------------|-----------------------|
| 30 | 30 | Sch 2.2(a)(xi) |
| 30 | 30 | |
| 30 | 30 | |
| 50 | 50 | |
| 50 | 50 | |
| 50 | 50 | |
| 100 | 100 | |
| 100 | 100 | |
| 100 | 100 | |
| 150 | 150 | |
| 150 | 150 | |
| 150 | 149 | |
| 200 | 200 | |
| 200 | 200 | |
| 200 | 200 | |

Tamper Evident Seals

The device under test was sealed with SGS tamper evident seals A03639, A03640, 014266, 014228, A3145, A3146, A3147, A3148, A3149 and A3150.

Sch 2.2(a)(xi)



Photo 1

Sch 2.2(a)(xi)



Photo 2

Uncertainty of Measurement

The estimated uncertainty of values quoted, at 95% confidence level, with a coverage “k” factor of 2 is:

- Elapsed time: $\pm 0.001218\text{s}$ at measured time
- Distance: $\pm 0.051\text{m}$ at measured distance
- Relative angle: $\pm 1.6\text{mRad}$ at measured angles