

Advice to Approved Inspection Stations and Approved Examiners

Changes to Inspection Certificates F2498 - Safety Certificate Cars or Light Commercial Vehicles and F2500 - Safety Certificate Motorbike

April 2016

The Department of Transport and Main Roads (TMR) advises that, when conducting brake tests as part of vehicle inspections, approved examiners must test and record the average deceleration value of the service brake and hand brake in addition to the peak value.

The Code of Practice: Vehicle Inspection Guidelines (COP) will be amended to clarify that both the peak and average deceleration values must be tested and recorded. This requirement aligns with the *Transport Operations (Road Use Management – Vehicle Standards and Safety) Regulation 2010*.

While a large number of decelerometers (brake testers) available are able to test both peak and average deceleration values, a number of meters currently being used by approved examiners only allow peak values to be tested. If the decelerometer being used does not allow for the average value to be tested then the distance method specified in the COP must be used in conjunction with the peak deceleration test and both results recorded on the inspection certificate.

TMR recommends the use of electronic brake testing equipment that provides both a digital and printed readout of the peak and average deceleration values. The printed results should then be attached to the retained certificate for verification of each brake test.

The *Safety Certificate Cars or Light Commercial Vehicles* certificate (light vehicle) and the *Safety Certificate Motorbike* certificate (motorbike) have been amended to allow approved examiners to clearly record brake test results. However, approved examiners can continue to use existing inspection books that have not been amended to record vehicle inspections.

The *Certificate of Inspection (Vehicles over 4.5 tonne up to and including 16.0 tonne RGVM)* certificate is currently being amended to align with the implementation of Version 2.1 of the National Heavy Vehicle Inspection Manual on 1 July 2016. The brake testing and recording requirements for heavy vehicles will be introduced at the same time.

Recording Brake Test Results

Amended Inspection Certificate books

Light vehicle and motorbike inspection certificates with version Dec 2015 (refer to bottom right corner of the certificate for the version date) have been amended to include additional spaces to record peak and either average or distance values.

When using this version of the certificate, an approved examiner must record the peak deceleration values and *either* the average or distance values (service brake and hand brake) in

the spaces provided. If the hand brake is tested when the vehicle is stationary, record as pass or fail in the peak hand brake space.

Previous Versions of Inspection Certificate books

Light vehicle and motorbike inspection certificates with a version prior to Dec 2015 (refer to bottom right corner of the certificate for the version date) can continue to be used to record vehicle inspections.

From 1 July 2016, the peak deceleration values must be recorded in the *Service brake test* space and the *Hand brake test* space on the inspection certificate. *Either* the average or distance values must be recorded in the *Details of other items rejected* text box on the inspection certificate.

Refer to the attached sample inspection certificates for more information. Any further queries can be forwarded via email to ais@tmr.qld.gov.au

Sample Certificate - Version Dec 2015



Queensland Government



Safety Certificate Cars or Light Commercial Vehicles (up to and including 4.5 tonne RGVM) *Transport Operations (Road Use Management) Act 1995*

Record details of any additional items rejected at completion of first inspection

Owner and vehicle details
Vehicle Owner's name and address
Bill Bloggs
1 Main Street
Brisbane Qld Postcode **4000**

Plate number (if applicable) State
123ABC **QLD**

VIN/Chassis number
1 A 2 B 3 C 4 D 5 E 6 F 7 G 8 H 9

Make Model
Holden **Commodore**

Body shape Series (for example, EA)
Wagon **VN**

Badge (for example, Longreach Tradesman)
SLX

Number of cylinders/rotors Fuel type (if gas, a current gas certificate No. of doors is required for registration purposes) (incl. hatch)
8 **Petrol** **5**

Engine number
Z Y X 1 2 F X 7 T P

Compliance type Give details
 Compliance Import Plate Other

Date on plate Vehicle colour Seating capacity
0 1 1 6 **Silver** **5**

Left or right hand drive? Tare GVM (if applicable)
 Left Right **1492 kg** **N/A**

Must record street number, street name and suburb

LV-P
 Details of other items rejected
 Exhaust emissions

Mobile AIS unit - location of vehicle inspection
1 Main Street
Brisbane Qld 4000

Must record:
 - Inspection result with tick for Pass Result or X for Fail Result.
 - Date & time of inspection
 - Mobile AIS odometer reading if inspection conducted by mobile AIS
 - Examiner number and signature

First inspection
 Odometer reading
 Result **123456 km**

Inspection date Inspection time Mobile AIS unit odometer reading
28 / 02 / 2016 **08 :00 am** **98765 km**

Signature of examiner Examiner's no.
John Howard **12345**

Final inspection (must not be more than 14 days from date of first inspection)
 Odometer reading
 Result

Inspection date Inspection time Mobile AIS unit odometer reading
 / / : am pm

Signature of examiner Examiner's no.

Only complete on reinspection

Inspection Station details
 Name and location
Bob's Autos
100 Main St Brisbane Postcode **4000**

AIS number Mobile AIS unit registration number
1234 **MIU123**

Record AIS details including name and address, AIS number and mobile AIS registration number if inspection conducted by mobile AIS.

Certification
 Approved Examiner - I have inspected the vehicle indicated on this form in strict accordance with the guidelines set out in the *Code of Practice Vehicle Inspection Guidelines* and have found no defect that would affect its safe use on the road and it meets the requirements of the *Transport Operations (Road Use Management) Act*.

Inspected by - signature of examiner Date
 / /

Name of examiner (please print) Examiner's no.

Proprietor - I have ensured that the requirements of the *Transport Operations (Road Use Management) Act* relating to the issue of this certificate have been complied with.

Issued by - signature of proprietor Date
 / /

Name of proprietor (please print)

Certification section only to be completed when vehicle has passed inspection.

Results of inspection - Please indicate Pass Fail

	First inspection	Final inspection
Identification	<input type="checkbox"/>	<input type="checkbox"/>
Modifications	<input type="checkbox"/>	<input type="checkbox"/>
Seats and restraints	<input type="checkbox"/>	<input type="checkbox"/>
Lights and electrical components	<input type="checkbox"/>	<input type="checkbox"/>
Windscreen and windows	<input type="checkbox"/>	<input type="checkbox"/>
Body and chassis	<input type="checkbox"/>	<input type="checkbox"/>
Steering and suspension	<input type="checkbox"/>	<input type="checkbox"/>
Wheels and tyres	<input type="checkbox"/>	<input type="checkbox"/>
Brake components	<input type="checkbox"/>	<input type="checkbox"/>
Engines and drivelines	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust emissions	<input type="checkbox"/>	<input type="checkbox"/>
Road test	<input type="checkbox"/>	<input type="checkbox"/>
Service brake test-		
Peak	75 %	Peak %
Average	%	Average %
Distance	9 m	Distance m
Hand brake test-		
Peak	Pass %	Peak %
Average	%	Average %
Distance	m	Distance m

Results of first inspection - Tick for Pass Result or X for Fail Result
 Must complete Peak value and either Average OR Distance value for service brake and hand brake tests.
 If hand brake tested stationary, record as Pass or Fail

● **Front label (light blue)** - For display on vehicle
 ● **Original (blue)** - This copy for registration of vehicle
 ● **Duplicate (yellow)** - Purchaser's/ Owner's copy
 ● **TriPLICATE (green)** - To be given to owner where a further inspection is required
 ● **Quadruplicate (white)** - Book copy

TRB Forms Area
 Form F2498
 V01 Dec 2015

Sample Certificate - Version Prior Dec 2015



Queensland Government



Safety Certificate

Cars or Light Commercial Vehicles
(up to and including 4.5 tonne RGVM)
Transport Operations (Road Use Management) Act 1995

Vehicle Owner's name and address
Bill Bloggs
1 Main Street
Brisbane Qld Postcode **4000**

Plate number (if applicable) State
123ABC **QLD**

VIN/Chassis number
1A2B3C4D5E6F7G8H9

Make Model
Holden **Commodore**

Body shape Series (for example, EA)
Wagon **VN**

Badge (for example, Longreach Tradesman)
SLX

Number of cylinders/rotors Fuel type (if gas, a current gas certificate No. of doors is required for registration purposes) (incl. hatch)
8 **Petrol** **5**

Engine number
ZYX12FX7TP

Compliance type Give details
 Compliance Import Other **Plate**

Date on plate Vehicle colour Seating capacity
0116 **Silver** **5**

Left or right hand drive? Tare GVM (if applicable)
 Left Right **1492 kg** **N/A**

Results of inspection
 Please indicate Pass Fail

	First inspection	Final inspection
Identification	<input type="checkbox"/>	<input type="checkbox"/>
Modifications	<input type="checkbox"/>	<input type="checkbox"/>
Seats and restraints	<input type="checkbox"/>	<input type="checkbox"/>
Lights and electrical components	<input type="checkbox"/>	<input type="checkbox"/>
Windscreen and windows	<input type="checkbox"/>	<input type="checkbox"/>
Body and chassis	<input type="checkbox"/>	<input type="checkbox"/>
Steering and suspension	<input type="checkbox"/>	<input type="checkbox"/>
Wheels and tyres	<input type="checkbox"/>	<input type="checkbox"/>
Brake components	<input type="checkbox"/>	<input type="checkbox"/>
Engines and drivelines	<input type="checkbox"/>	<input type="checkbox"/>
Exhaust emissions	<input type="checkbox"/>	<input type="checkbox"/>
Road test	<input type="checkbox"/>	<input type="checkbox"/>
Service brake test	<input type="checkbox"/> 75 %	<input type="checkbox"/>
Hand brake test	<input type="checkbox"/> 63 %	<input type="checkbox"/>

Details of other items rejected
Exhaust emissions. Service brake - Distance 9m.
Hand brake - Distance 15m.

Mobile Approved Inspection Station (AIS) unit - location of vehicle inspection
1 Main Street
Brisbane Qld 4000

First inspection
 Result
 Inspection date **28 | 02 | 16** Inspection time **08 : 00** am pm
 Odometer reading **123456 km** Mobile AIS unit odometer reading **98765 km**
 Signature of examiner *[Signature]* Examiner's no. **12345**

Final inspection (must not be more than 14 days from date of first inspection)
 Result
 Inspection date : : am pm
 Odometer reading Mobile AIS unit odometer reading
 Signature of examiner Examiner's no.

Inspection Station details
 Name and location
Bob's Autos
100 Main St Brisbane Postcode **4000**
 AIS number **1234** Mobile AIS unit registration number **MIU123**

Certification
 Approved Examiner - I have inspected the vehicle indicated on this form in strict accordance with the guidelines set out in the *Code of Practice Vehicle Inspection Guidelines* and have found no defect that would affect its safe use on the road and it meets the requirements of the *Transport Operations (Road Use Management) Act*.
 Inspected by - signature of examiner Date : :
 Name of examiner (please print) Examiner's no.
 Proprietor - I have ensured that the requirements of the *Transport Operations (Road Use Management) Act* relating to the issue of this certificate have been complied with.
 Issued by - signature of proprietor Date : :
 Name of proprietor (please print)

TRB Forms Area
 Form F2498
 V01 May 2015

• **Front label (light blue)** For display on vehicle
 • **Original (blue)** This copy for registration of vehicle
 • **Duplicate (yellow)** Purchaser's/ Owner's copy
 • **Triplicate (green)** To be given to owner where a further inspection is required
 • **Quadruplicate (white)** Book copy

Must record street number, street name and suburb

Record details of any additional items rejected at completion of first inspection and Average or Distance results of service brake and hand brake tests

Must record:
 - Inspection result with tick for Pass Result or X for Fail Result.
 - Date & time of inspection
 - Mobile AIS odometer reading if inspection conducted by mobile AIS
 - Examiner number and signature

Only complete on reinspection

Record AIS details including name and address, AIS number and mobile AIS registration number if inspection conducted by mobile AIS.

Certification section only to be completed when vehicle has passed inspection.

Results of first inspection - Tick for Pass Result or X for Fail Result
 For brake tests, include Peak value here and either Average OR Distance value for service and hand brake tests in the text box at the top of the next column.
 If hand brake tested stationary, record as Pass or Fail

Sample Certificate - Version Dec 2015



Queensland Government



Safety Certificate Motorbike

Transport Operations (Road Use Management) Act 1995

Owner and vehicle details		MC - B	
Vehicle owner's name and address Bill Bloggs 1 Main Street Brisbane Qld Postcode 4000		First inspection Odometer reading Result <input type="checkbox"/> 123456km	
Registration number (if applicable) State 123AB QLD	VIN/Chassis number 1 A 2 B 3 C 4 D 5 E 6 F 7 G 8 H 9	Inspection date Inspection time Mobile AIS unit odometer reading 18/04/16 08:00 98765km	Examiner's signature Examiner's no. <i>John Howard</i> 12345
Make Model Suzuki DR350	Body shape Motorcycle	Final inspection (must not be more than 14 days from date of first inspection) Odometer reading Result <input type="checkbox"/>	
Badge (for example, Super Sports) Number of cylinders Super Sports 1	Engine number Z Y X 1 2 F X 7 T P	Inspection date Inspection time Mobile AIS unit odometer reading / / : am pm	Examiner's signature Examiner's no.
Compliance type Give details Compliance Plate <input type="checkbox"/> Import Plate <input type="checkbox"/> Other <input checked="" type="checkbox"/>	Date on Plate Vehicle colour Seating capacity 01/16 Red 1	Inspection station details Name and location Bob's Autos 100 Main St Brisbane Postcode 4000	
Side car fitted? Yes <input type="checkbox"/> No <input type="checkbox"/>	Results of inspection - Please indicate Pass <input checked="" type="checkbox"/> Fail <input checked="" type="checkbox"/> First inspection Final inspection	AIS Number Mobile AIS unit Registration Number 1234 MIU123	Certification Approved Examiner - I have inspected the vehicle indicated on this form in strict accordance with the guidelines set out in the Code of Practice Vehicle Inspection Guidelines and have found no defect that would affect its safe use on the road and it meets the requirements of the Transport Operations (Road Use Management) Act.
Identification <input type="checkbox"/>	Modifications <input type="checkbox"/>	Inspected by - Examiner's signature Date / /	Examiner's name (please print) Examiner's no.
Seating <input type="checkbox"/>	Lights and electrical components <input type="checkbox"/>	Proprietor - I have ensured that the requirements of the Transport Operations (Road Use Management) Act relating to the issue of this certificate have been complied with.	Issued by - Proprietor's signature Date / /
Body and chassis <input type="checkbox"/>	Steering and suspension <input type="checkbox"/>	Proprietor's name (please print)	
Chainguard <input type="checkbox"/>	Wheels and tyres <input type="checkbox"/>	Privacy Statement: The Department of Transport and Main Roads is collecting the information on this form for the purposes of managing the department's vehicle register. This information is authorised or required by the Transport Operations (Road Use Management) Act. The department or its agents usually gives some or all of this information to vehicle insurers, statutory entities, lawyers, insolvency entities, persons involved in vehicle accidents/incidents or vehicle manufacturers or their employees or agents and to or through interstate registration authorities. Your personal details will not be disclosed to any other third party without your consent unless required or authorised by law.	
Brakes <input type="checkbox"/>	Engines and drivelines <input type="checkbox"/>	<ul style="list-style-type: none"> ● Front label (Light Blue) - For display on vehicle ● Original (Blue) - This copy for registration of vehicle ● Duplicate (Yellow) - Purchaser's/ Owner's copy ● Triplicate (Green) - To be given to owner where a further inspection is required ● Quadruplicate (White) - Book copy 	
Exhaust emissions <input type="checkbox"/>	Road test <input type="checkbox"/>	TRB Forms Area Form F2500 V01 Dec 2015	
Service brake test- Peak 75 % Average % Distance 9 m	Hand brake test- Peak Pass % Average % Distance m		
Details of other items rejected Excess exhaust noise.			
Mobile AIS unit - location of vehicle inspection 1 Main St Brisbane Qld 4000			

Results of first inspection - Tick for Pass Result or X for Fail Result
Must complete Peak value and either Average OR Distance value for service and hand brake tests (if applicable).
If park brake tested stationary, record as Pass or Fail

Record details of any additional items rejected at completion of first inspection.

Must record street number, street name and suburb

Must record:
- Inspection result with tick for Pass Result or X for Fail Result.
- Date & time of inspection
- Mobile AIS odometer reading if inspection conducted by mobile AIS
- Examiner number and signature

Only complete on reinspection

Record AIS details including name and address, AIS number and mobile AIS registration number if inspection conducted by mobile AIS.

Certification section only to be completed when vehicle has passed inspection.

Sample Certificate - Version Prior Dec 2015



Queensland Government



Safety Certificate Motorbike

Transport Operations (Road Use Management) Act 1995

Owner and vehicle details		MC - B	
Vehicle owner's name and address		First inspection	
Bill Bloggs 1 Main Street Brisbane Qld Postcode 4000		Odometer reading Result <input type="checkbox"/> 123456km	
Registration (if applicable) State	Mobile AIS unit odometer reading	Inspection date Inspection time	
123AB QLD	98765km	18 / 04 / 16 08 : 00 am	
VIN/Chassis number	Examiner's signature	Examiner's no.	
1 A 2 B 3 C 4 D 5 E 6 F 7 G 8 H 9	<i>John Howard</i>	12345	
Make Model	Final inspection (must not be more than 14 days from date of first inspection)		
Suzuki DR350	Odometer reading		
Body shape	Result <input type="checkbox"/>		
Motorcycle	Inspection date Inspection time		
Badge (for example, Super Sports) Number of cylinders	Mobile AIS unit odometer reading		
Super Sports 1	/ / : am		
Engine number	Examiner's signature		
Z Y X 1 2 F X 7 T P	Examiner's no.		
Compliance type Give details	Inspection station details		
Compliance <input type="checkbox"/> Import Plate <input type="checkbox"/> Other <input checked="" type="checkbox"/>	Name and location		
Date on Plate Vehicle colour Seating capacity	Bob's Autos		
0 1 16 Red 1	100 Main St Brisbane Postcode 4000		
Side car fitted? Yes <input type="checkbox"/> No <input type="checkbox"/>	AIS Number Mobile AIS unit Registration Number		
	1234 MIU123		
Results of inspection	Certification		
Please indicate Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	Approved Examiner - I have inspected the vehicle indicated on this form in strict accordance with the guidelines set out in the Code of Practice Vehicle Inspection Guidelines and have found no defect that would affect its safe use on the road and it meets the requirements of the Transport Operations (Road Use Management) Act.		
	Inspected by - Examiner's signature Date		
Identification	First inspection	/ /	
Modifications		Examiner's name (please print) Examiner's no.	
Seating		/ /	
Lights and electrical components		Proprietor - I have ensured that the requirements of the Transport Operations (Road Use Management) Act relating to the issue of this certificate have been complied with.	
Body and chassis		Issued by - Proprietor's signature Date	
Steering and suspension		/ /	
Chainguard		Proprietor's name (please print)	
Wheels and tyres		/ /	
Brakes			
Engine and drivelines			
Exhaust emissions			
Road test			
Details of other items rejected	Privacy Statement: The Department of Transport and Main Roads is collecting the information on this form for the purposes of managing the department's vehicle register. This information is authorised or required by the Transport Operations (Road Use Management) Act. The department or its agents usually gives some or all of this information to vehicle insurers, statutory entities, lawyers, insolvency entities, persons involved in vehicle accidents/incidents or vehicle manufacturers or their employees or agents and to or through interstate registration authorities. Your personal details will not be disclosed to any other third party without your consent unless required or authorised by law.		
Excess exhaust noise.	<ul style="list-style-type: none"> ● Front label (Light Blue) - For display on vehicle ● Original (Blue) - This copy for registration of vehicle ● Duplicate (Yellow) - Purchaser's/ Owner's copy ● Triplicate (Green) - To be given to owner where a further inspection is required ● Quadruplicate (White) - Book copy 		
Service brake - Peak 70%, Average 45%	TRB Forms Area Form F2500 V01 Apr 2015		
Hand Brake - N/A			
Mobile Approved Inspection Station (AIS) unit - location of vehicle inspection			
1 Main St			
Brisbane Qld 4000			

Must record:
 - Inspection result with tick for Pass Result or X for Fail Result.
 - Date & time of inspection
 - Mobile AIS odometer reading if inspection conducted by mobile AIS
 - Examiner number and signature

Only complete on reinspection

Record AIS details including name and address, AIS number and mobile AIS registration number if inspection conducted by mobile AIS.

Certification section only to be completed when vehicle has passed inspection.

Results of first inspection - Tick for Pass Result or X for Fail Result.

Record details of Peak value and either Average or Distance value for service brake and hand brake (if applicable) tests. If hand brake tested stationary, record as Pass or Fail

Must record street number, street name and suburb