# 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  Must record street	LV-P	
	Dill Dlogge number, street	Details of other items rejected	
	marrie and edeals	Exhaust emissions	
	1 Main Street		
	Brisbane Qld Postcode 4000	Mobile AIS unit - loction of vehicle inspection	Must record:
	Plate number (if applicable) State	Main Street	- Inspection result with
	123ABC QLD		tick for Pass Result or X
	VIN/Chassis number	First inspection	for Fail Result.
	1 <sub>1</sub> A <sub>1</sub> 2 <sub>1</sub> B <sub>1</sub> 3 <sub>1</sub> C <sub>1</sub> 4 <sub>1</sub> D <sub>1</sub> 5 <sub>1</sub> E <sub>1</sub> 6 <sub>1</sub> F <sub>1</sub> 7 <sub>1</sub> G <sub>1</sub> 8 <sub>1</sub> H <sub>1</sub> 9	Odometer reading	- Date & time of
	Make Model	Result ☐ 123456 km ←	inspection
	Holden Commodore	Mobile AIS unit	- Mobile AIS odometer
	Body shape Series (for example, EA)		reading if inspection
	Wagon		conducted by mobile AIS
	Badge (for example, Longreach Tradesman)	Signature of examiner Examiner's no.	- Examiner number and
	SLX	Jan Francisco 12345	signature
	Number of Fuel type (if gas, a current gas certificate No. of doors	Final inspection (must not be more than 14 days from date of	
	cylinders/rotors is required for registration purposes) (incl. hatch)	first inspection)	Only complete on
	8 Petrol 5	Odometer reading	reinspection
	Engine number	Result	
	$Z_1Y_1X_1Z_1F_1X_1T_1P_1$	Mobile AIS unit Inspection date Inspection time odometer reading	
	Compliance type Give details	, , am	
	Compliance Import Other Plate Other		Record AIS details
	Date on plate Vehicle colour Seating capacity	Signature of examiner Examiner's no.	including name and
	0,1,1,6 Silver 5		address, AIS
	Left or right hand drive? Tare GVM (if applicable)	Inspection Station details	number and mobile
	Left Right 1492 kg N/A	Name and location	-AIS registration
		Bob's Autos	number if inspection
	Results of inspection— Please indicate Pass V Fail X	100 Main St Brisbane Postcode 4000	conducted by
ſ	First inspection Final inspection	AIS number Mobile AIS unit registration number	mobile AIS.
	Identification	1234 MIU123	
.	Modifications	Certification	Certification section
	Seats and restraints	Approved Examiner - I have inspected the vehicle indicated on this	only to be
	Lights and electrical components	form in strict accordance with the guidelines set out in the Code of Practice Vehicle Inspection Guidelines and have found no defect that	completed when
	Windscreen and windows	would affect its safe use on the road and it meets the requirements	vehicle has passed
	Body and chassis	of the Transport Operations (Road Use Management) Act.	inspection.
	Steering and suspension	Inspected by - signature of examiner Date	
Ц	Wheels and tyres		
	Brake components	Name of examiner (please print) Examiner's no.	
	Engines and drivelines		
	Exhaust emissions	Proprietor - I have ensured that the requirements of the <i>Transport</i>	
	Road test	Operations (Road Use Management) Act relating to the issue of this	
$ \  $	Service brake test– Peak 75 % Peak %	certificate have been complied with.	
	Average % Average %	Issued by - signature of proprietor Date	
	Distance 9 m Distance m		
	Hand brake test– Peak Pass% Peak %	Name of proprietor (please print)	
	Average % Average %	TRB Forms Area Form F2498	
l	Distance m Distance m	V01 Dec 2015	
	• Front label (light blue) For display • Original This copy for (blue) registration of vehicle • Duplicate P (yellow) C		

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

# **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	Record details of any additional items rejected at completion of first inspection and Average or Distance
Vehicle Owner's name and address  Bill Bloggs  1 Main Street	Details of other items rejected  Exhaust emissions. Service brake - Distance 9m.  Hand brake - Distance 15m.	results of service brake and hand brake tests
Brisbane Qld  Plate number (if applicable) State  123ABC  VINIChassis number  1   A   2   B   3   C   4   D   5   E   6   F   7 G   8   H   9  Make  Holden  Postcode 4000  Commodore	Mobile Approved Inspection Station (AIS) unit - location of vehicle inspection  V1 Main Street Brisbane Qld 4000  First inspection Result Inspection time	Must record: - Inspection result with tick for Pass Result or for Fail Result Date & time of inspection - Mobile AIS odometer
Body shape  Wagon  Badge (for example, Longreach Tradesman)  SLX  Number of cylinderslrotors  Fuel type (if gas, a current gas certificate No. of doors is required for registration purposes) (incl. hatch)	Odometer reading  123456 km  Signature of examiner  Mobile AIS unit odometer reading  98765 km  Examiner's no.  12345	reading if inspection conducted by mobile AIS - Examiner number an signature
8 Petrol 5  Engine number  Z Y X1 2 F X 7 T P    Give details  Compliance type Give details  Compliance Other Plate	Final inspection (must not be more than 14 days from date of first inspection)  Result Inspection date Inspection time  I I : am pm  Odometer reading Mobile AIS unit odometer reading	Only complete on reinspection
Date on plate Vehicle colour Seating capacity $0,1,1,6$ Silver $5$ Left or right hand drive? Tare GVM (if applicable) $1492 \text{ kg}$ Results of inspection	Signature of examiner Examiner's no.  Inspection Station details Name and location	including name an address, AIS number and mobile AIS registration number if inspection
Please indicate Pass Fail First Final inspection  Identification	Bob's Autos 100 Main St Brisbane  Als number Mobile Als unit registration number  MIU123	conducted by mobile AIS.
Modifications  Seats and restraints  Lights and electrical components  Windscreen and windows  Body and chassis	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	Certification section only to be completed when vehicle has passed inspection.
Steering and suspension  Wheels and tyres  Brake components  Engines and drivelines	Name of examiner (please print)  Examiner's no.  Proprietor - I have ensured that the requirements of the <i>Transport Operations (Road Use Management) Act</i> relating to the issue of this certificate have been complied with.	
Exhaust emissions  Road test  Service brake test  Hand brake test	Issued by - signature of proprietor  Date  I I  Name of proprietor (please print)  TRB Forms Area Form F2498 V01 May 2015	
• Front label (light blue) - For disp on vehicle  • Original This copy for registration of vehicle  Results of first inspection - Tick Fail Result For brake tests, include Peak v Average OR Distance value for tests in the text box at the top of the stationary,	where a further inspection is required (white) copy of the next column.	

# **Sample Certificate - Version Dec 2015**

	Queensland Government	Safety Certificate Motorbike Transport Operations (Road Use Management) Act 1995	Must record: - Inspection result
	Owner and vehicle details Vehicle owner's name and address	MC-B	with tick for Pass Result or X for Fail
	Bill Bloggs	First inspection Odometer reading	Result.
	1 Main Street	Result 123456km	- Date & time of inspection
	Brisbane Qld Postcode 4000	Mobile AIS unit Inspection date Inspection time odometer reading	- Mobile AIS
	Registration number (if applicable) State  123AB  QLD	18 / 04 / 16 08 : 00 (am) 98765km	odometer reading inspection
	VIN/Chassis number	Examiner's signature Examiner's no.	conducted by
	1 A 2 B 3 C 4 D 5 E 6 F 7 G 8 H 9	Jan Flanced 12345	mobile AIS - Examiner number
	Suzuki Model DR350	Final inspection (must not be more than 14 days from date of first inspection)	and signature
	Body shape	Odometer reading	Only complete on
	Motorcycle	Result Mobile AIS unit	reinspection
	Badge (for example, Super Sports)  Number of cylinders  Super Sports  1	Inspection date Inspection time odometer reading	
	Engine number	/ / : am pm	
	$Z_1Y_1X_11_2_F_1X_17_1T_1P_1$	Examiner's signature Examiner's no.	Record AIS details
	Compliance type Give details	Inspection station details	including name an address, AIS
	Compliance Import Other Other	Name and location	number and mobil
December of Cont	Date on Plate Vehicle colour Seating capacity  0 1 16 Red 1	Bob's Autos	AIS registration number if inspection
Results of first inspection - Tick for	Side car fitted? Yes No	100 Main St Brisbane Postcode 4000  Als Number Mobile Als unit Registration Number	conducted by
Pass Result or X for	Results of inspection— Please indicate Pass Fail	1234 MIU123	mobile AIS.
Fail Result  Must complete Peak	First inspection Final inspection  Identification	Certification	
value and either	Modifications	Approved Examiner - I have inspected the vehicle indicated on this form in strict accordance with the guidelines set out in the <i>Code of Practice Vehicle Inspection Guidelines</i> and have found no defect that	
Average OR Distance value for service and	Seating	would affect its safe use on the road and it meets the requirements of the <i>Transport Operations (Road Use Management) Act.</i>	Certification section
hand brake tests (if	Lights and electrical components  Body and chassis	Inspected by - Examiner's signature Date	only to be completed when
applicable).	Steering and suspension		vehicle has passed
If park brake tested stationary, record as	Chainguard	Examiner's name (please print)  Examiner's no.	inspection.
Pass or Fail	Brakes	Proprietor - I have ensured that the requirements of the <i>Transport</i>	
	Engines and drivelines	Operations (Road Use Management) Act relating to the issue of this certificate have been complied with.	
	Exhaust emissions	Issued by - Proprietor's signature  Date	
	Road test  Service brake test– Peak  75 %  Peak  %		
Record details of any	Average % Average %	Proprietor's name (please print)	
additional items rejected at	Distance 9 m Distance m	Privacy Statement: The Department of Transport and Main Roads is collecting the	
completion of first	Hand brake test– Peak Pass% Peak %  Average % Average %	information on this form for the purposes of managing the department's vehicle register.  This information is authorised or required by the <i>Transport Operations (Road Use Management) Act</i> . The department or its agents usually gives some or all of this information	
inspection.	Distance m Distance m	to vehicle insurers, statutory entities, lawyers, insolvency entities, persons involved in vehicle accidents/incidents or vehicle manufacturers or their employees or agents and	
	etails of other items rejected  Excess exhaust noise.	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.	
Must record street		• Front label For display (Light Blue) - on vehicle (Blue) - registration of vehicle	
number, street	Mobile AIS unit - location of vehicle inspection	■ Duplicate Purchaser's/ ■ Triplicate To be given to owner	
name and suburb	1 Main St Brisbane Qld 4000	(Yellow) Owner's copy (Green) where a further inspection is required	
	DIBDAILE QIU 4000	(White) COPY TRB Forms Area Form F2500 V01 Dec 2015	

# **Sample Certificate - Version Prior Dec 2015**

Must record:

	Queensland Government	Safety Certificate Motorbike Transport Operations (Road Use Management) Act 1995	rinspection result with tick for Pass Result or X for Fail Result.  - Date & time of
	Owner and vehicle details		inspection - Mobile AIS
	Vehicle owner's name and address	M C - B First inspection	_odometer reading if
	Bill Bloggs	Odometer reading	inspection
	1 Main Street	Result [ 123456km	conducted by mobi
	Brisbane Qld Postcode 4000	Mobile AIS unit Inspection date Inspection time odometer reading	AIS - Examiner number
	Rlegiestratridoren (ifratpapril (idialapap) li Catalate) State  123AB QLD	18 / 04 / 16 08 : 00 @ 98765km	and signature
	123AB QLD VINIChassis number	Examiner's no.	
	1 A 2 B 3 C 4 D 5 E 6 F 7 G 8 H 9	Jan Flanced 12345	
	Make Model	Final inspection (must not be more than 14 days from date	
	Suzuki DR350	of first inspection)	Only complete on
	Body shape	Odometer reading	reinspection
	Motorcycle	Result	remopeoner
	Badge (for example, Super Sports)  Number of cylinders	Inspection date Inspection time odometer reading	
	Super Sports 1	/ / : am pm	
	Engine number	Examiner's signature Examiner's no.	
	$\begin{bmatrix} Z_1Y_1X_1_2 F_1X_17_1 F_1 & \dots & \dots & \dots \end{bmatrix}$		
	Compliance type Give details	Inspection station details	
	Compliance Import Other Plate Other	Name and location	D I AIO 1. (. !)
	Date on Plate Vehicle colour Seating capacity	Bob's Autos	Record AIS details including name an
	0,1,1,6 Red 1	100 Main St Brisbane Postcode 4000	address, AIS
	Side car fitted? Yes No	AIS Number Mobile AIS unit Registration Number	number and mobil
	Results of inspection	1234 MIU123	AIS registration
	Please indicate Pass V Fail X	Certification Approved Examiner - I have inspected the vehicle indicated on this	number if inspection conducted by
Results of first	First inspection Final inspection	form in strict accordance with the guidelines set out in the Code of Practice Vehicle Inspection Guidelines and have found no defect that	mobile AIS.
inspection - Tick for	Identification Modifications	would affect its safe use on the road and it meets the requirements of the <i>Transport Operations (Road Use Management) Act.</i>	mosilo 7 tro.
Pass Result or X for	Seating	Inspected by - Examiner's signature  Date	
Fail Result.	Lights and electrical components		
	Body and chassis	Examiner's name (please print) Examiner's no.	
	Steering and suspension	Examiner 3 manie (piease print)	Certification section
	Chainguard	Proprietor - I have ensured that the requirements of the <i>Transport</i>	only to be completed when
	Wheels and tyres  Brakes	Operations (Road Use Management) Act relating to the issue of this certificate have been complied with.	vehicle has passed
	Engine and drivelines	Issued by - Proprietor's signature Date	inspection.
	Exhaust emissions		
	Road test	Proprietor's name (please print)	
	Details of other items rejected		
	Excess exhaust noise.	Privacy Statement: The Department of Transport and Main Roads is collecting the	
	Service brake - Peak 70%, Average 45%	information on this form for the purposes of managing the department's vehicle register.  This information is authorised or required by the <i>Transport Operations (Road Use Management) Act</i> . The department or its agents usually gives some or all of this information	
Record details of	Hand Brake - N/A	to vehicle insurers, statutory entities, lawyers, insolvency entities, persons involved in vehicle accidents/incidents or vehicle manufacturers or their employees or agents and	
Peak value and either Average or		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.	
Distance value for	<u> </u>		
service brake and	Mobile Approved Inspection Station (AIS) unit - location of vehicle inspection	(Light Blue) on vehicle (Blue) registration of vehicle	
hand brake (if	1 Main St	<ul> <li>Duplicate Purchaser's/ (Yellow) Owner's copy</li> <li>Triplicate To be given to owner (Green) where a further</li> </ul>	
applicable) tests. If hand brake tested	Brisbane Qld 4000	Quadruplicate Book inspection is required	
stationary, record as		(White) COPY TRB Forms Area Form F2500 V01 Apr 2015	
Pass or Fail	Must record street		_
	number, street		1

name and suburb