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 Owner and vehicle details Must record street number, street name and suburb	LV-P Detils of other items rejected Air bags	
	Brisbane Qld Plate number (if applicable) State 123ABC VIN/Chassis number 1 A 2 B 3 C 4 D 5 E 6 F 7 G 8 H 9 Make Holden Body shape Series (for example, EA) Wagon	Main Street Brisbane Qld 4000 First inspection Odometer reading Result 123456 km Inspection date Inspection time Mobile AIS unit odometer reading	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
	Badge (for example, Longreach Tradesman) SLX	Signature of examiner Examiner's no. 12345 Final inspection (must not be more than 14 days from date of	- Examiner number and signature Only complete on
	8 Petrol 5 Engine number Z Y X 1 2 F X 7 T P Compliance type Complian	Result Mobile AIS unit odometer reading Inspection date Inspection time Mobile AIS unit odometer reading / / am m m m m m m m m m m m m m m m m m	reinspection
	Date on plate Vehicle colour O_1 1_1_6 Silver Left or right hand drive? Tare Left Right 1492 kg N/A	Signature of examiner Examiner's no. Inspection Station details Name and location Bob's Autos	Record AIS details including name and address, AIS number and mobile AIS registration number if inspection
	Results of inspection— Please indicate First inspection Identification Modifications Pass Fail Final inspection Final inspection	100 Main St Brisbane Postcode 4000 AIS number Mobile AIS unit registration number MIU123	conducted by mobile AIS.
or or ak	Seats and restraints Lights and electrical components Windscreen and windows Body and chassis Steering and suspension Wheels and tyres Brake components	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.
ed as	Engines and drivelines Exhaust emissions Road test Service brake test— Peak Average Distance 9 m Distance Distance Distance	Name of examiner (please print) 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. Issued by - signature of proprietor Date // /	
	Hand brake test— Peak Average Distance Distance M Dista		
	(light blue) on vehicle (blue) registration of (yellow) Ovehicle	Owner's copy (green) where a further (white) copy inspection is required	

inspection - Tick for Pass Result or X fo Fail Result Must complete Pea value and either Average OR Distance value for service brake and hand brake tests. If hand brake tested stationary, record a Pass or Fail

Results of first

Sample Certificate - Version Prior Dec 2015

		I
Queensland Government	Safety Certificate Cars or Light Commercial Vehicles (up to and including 4.5 tonne RGVM)	Record details of any additional items rejected at completio of first inspection and
	Transport Operations (Road Use Management) Act 1995	Average or Distance
Must record street		results of service
Vehicle Owner's name and address number, street Bill Bloggs name and suburb	Details of other items rejected	brake and hand brake
- ··· - · · · · · · · · · · · · · · ·	Air bags. Service brake - Distance 9m.	tests
1 Main Street	Hand brake - Distance 15m.	
Brisbane Qld Postcode4000	Mobile Approved Inspection Station (AIS) unit - location of vehicle inspection	Must record:
Plate number (if applicable) State	1 Main Street	- Inspection result witl
123ABC QLD VINIChassis number	Brisbane Qld 4000	tick for Pass Result or for Fail Result.
1 A 2 B 3 C 4 D 5 E 6 F 7G 8 H 9	First inspection	- Date & time of
Make Model	Result 🗵	inspection
Holden Commodore	Inspection date Inspection time	- Mobile AIS odomete
Body shape Series (for example, EA)	28 02 16 08 00	reading if inspection
Wagon	Odometer reading Mobile AIS unit odometer reading	conducted by mobile
Badge (for example, Longreach Tradesman)	123456 km 98765 km	- Examiner number ar
SLX	Signature of examiner Examiner's no.	signature
Number of cylindersIrotors Fuel type (if gas, a current gas certificate No. of doors cylindersIrotors is required for registration purposes) (incl. hatch)	Jan ffann 12345	joignature
8 Petrol 5	Final inspection (must not be more than 14 days from date of first inspection)	Only complete on
Engine number	Result _	reinspection
$Z_1Y_1X_11_2F_1X_17_1F_1$	Inspection date Inspection time am	
Compliance type Give details	ı ı pm	
Compliance Import Other Other	Odometer reading Mobile AIS unit odometer reading	Record AIS detail
Date on plate Vehicle colour Seating capacity		including name a
0,1,1,6 Silver 5	Signature of examiner Examiner's no.	address, AIS
Left or right hand drive? Tare GVM (if applicable)		number and mobi
Left Right ✓ 1492 kg N/A	Inspection Station details	AIS registration
Results of inspection	Name and location	number if inspecti
Please indicate Pass 🗹 Fail 🔀	Bob's Autos	conducted by
First Final inspection inspection	100 Main St Brisbane Postcode 4000	mobile AIS.
Identification	AIS number Mobile AIS unit registration number	
Modifications	1234 MIU123	
Seats and restraints	Certification	Certification section
	Approved Examiner - I have inspected the vehicle indicated on this form in strict accordance with the guidelines set out in the <i>Code of</i>	only to be
electrical components	Practice Vehicle Inspection Guidelines and have found no defect that would affect its safe use on the road and it meets the requirements	completed when
Windscreen and windows	of the Transport Operations (Road Use Management) Act.	vehicle has passed inspection.
Body and chassis	Inspected by - signature of examiner Date	linspection.
Steering and suspension		
Wheels and tyres	Name of examiner (please print) Examiner's no.	
Brake components	Proprietor - Lhave appured that the requirements of the Transport	
Engines and drivelines	Proprietor - I have ensured that the requirements of the <i>Transport Operations (Road Use Management) Act</i> relating to the issue of this	
Exhaust emissions	certificate have been complied with. Issued by - signature of proprietor Date	
Road test	Issued by - Signature of proprietor Date	
Service brake test 75 %		,
Hand brake test	Name of proprietor (please print) TRB Forms Area Form F2498	
	Form F2498 V01 May 2015	
Front label For disp ay Original This copy for (blue) registration of (yellow) O	Owner's copy (green) where a further (white) copy	
vehicle Populte of first increation. Tield	inspection is required	_
Results of first inspection - Tick Fail Result	CIOI Pass Result of A 101	-
For brake tests, include Peak v	value here and either	
Average OR Distance value for		
tests in the text box at the top of		
her and the contract of the con-	The state of the s	

Sample Certificate - Version Dec 2015

	Queensland Government	Safety Certificate Motorbike Transport Operations (Road Use Management) Act 1995 Muse - Ins	
	Owner and vehicle details	MC-B with Res	
	Vehicle owner's name and address Bill Bloggs	First inspection Res	
	1 Main Street	Odometer reading - Da	
	Brisbane Qld Postcode4000	Result 🛛 123456km insp	
	Registration number (if applicable) State	Inspection date Inspection time odometer reading	
	123AB QLD	18 / 04 / 16 08 : 00 (am) 98765km insp	
	VIN/Chassis number	Examiner's signature Examiner's no.	
	1 ₁ A ₁ 2 ₁ B ₁ 3 ₁ C ₁ 4 ₁ D ₁ 5 ₁ E ₁ 6 ₁ F ₁ 7 ₁ G ₁ 8 ₁ H ₁ 9	12345 mob	
	Make Model Suzuki DR350	Final inspection (must not be more than 14 days from date of first inspection)	
	Body shape	Odometer reading	
	Motorcycle	Result Only rein:	
	Badge (for example, Super Sports) Number of cylinders	Mobile AIS unit Inspection date Inspection time odometer reading	
	Super Sports 1	/ / s am pm	
	Engine number	Examiner's signature Examiner's no.	
	$Z_1Y_1X_11_2 F_1X_17_1T_1P_1 + \dots + $	Rec	
	Compliance type Compliance Import Other Plate Other	Inspection station details add	
		Name and location nur	
-	Date on Plate Vehicle colour Seating capacity 0 1 16 Red 1	Bob's Autos	
Results of first inspection - Tick for	Side car fitted? Yes No 🗸	100 Main St Brisbane Postcode 4000 nur	
Pass Result or X for	Results of inspection— Please indicate Pass V Fail X	AIS Number Mobile AIS unit Registration Number mo	
Fail Result	First inspection Final inspection	Certification	
Must complete Peak value and either	Identification 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 would affect its safe use on the road and it meets the requirements of the <i>Transport Operations (Road Use Management) Act.</i>	
Average OR Distance	Seating		
value for service and	Lights and electrical components		
hand brake tests (if	Body and chassis	Inspected by - Examiner's signature Date Com	
applicable). If park brake tested	Steering and suspension	vehi	
stationary, record as	Chainguard Wheels and tyres	Examiner's name (please print) Examiner's no.	
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 compiled with.	
	Exhaust emissions	Issued by - Proprietor's signature Date	
	Road test	1 1	
Record details of any	Service brake test- Peak 75 % Peak % Average % Average %	Proprietor's name (please print)	
additional items	Distance 9 m Distance m		
rejected at	Hand brake test- Peak Pass% Peak %	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.	
completion of first inspection.	Average % Average %	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	
mopeonom.	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	
	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 • Original This copy for (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	(Yellow) Owner's copy (Green) where a further inspection is required	
	Brisbane Qld 4000	(White) Copy TRB Forms Area Form F2500 V01 Dec 2015	

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

Must record:

_	Queensland Government Owner and vehicle details Vehicle owner's name and address Bill Bloggs 1 Main Street Brisbane Qld Postcode 4000	Safety Certificate Motorbike Transport Operations (Road Use Management) Act 1995 M C - B First inspection Odometer reading Result 123456km Mobile AIS unit	- Inspection result with tick for Pass Result or X for Fail Result Date & time of inspection - Mobile AIS odometer reading it inspection conducted by mobil AIS
	Registratribren (indepri) State QLD	Inspection date Inspection time odometer reading 08:00 mm 98765km Examiner's signature Examiner's no. 12345 Final inspection (must not be more than 14 days from date of first inspection) Odometer reading Result	- Examiner number and signature Only complete on reinspection
	Motorcycle Badge (for example, Super Sports) Super Sports Engine number Z Y X1 2 F X 7 T P Compliance type Give details	Inspection date Inspection time Inspection tin Inspection time Inspection time Inspection time Inspection time	
	Compliance Import Other Plate Other Other	Name and location Bob's Autos 100 Main St Brisbane Postcode 4000 AIS Number Mobile AIS unit Registration Number MIU123	Record AIS details including name an address, AIS number and mobil AIS registration
Results of first inspection - Tick for Pass Result or X for Fail Result.	Please indicate Pass Fail First inspection Final inspection Identification Modifications Seating Lights and electrical components	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 - Examiner's signature Date	number if inspection conducted by mobile AIS.
	Body and chassis Steering and suspension Chainguard Wheels and tyres Brakes Engine and drivelines Exhaust emissions	Examiner's name (please print) 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. Issued by - Proprietor's signature Date	Certification section only to be completed when vehicle has passed inspection.
Record details of	Road test Details of other items rejected Excess exhaust noise. Service brake - Peak 70%, Average 45% Hand Brake - N/A	Proprietor's name (please print) 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	
Peak value and either Average or Distance value for service brake and hand brake (if applicable) tests. If hand brake tested	Mobile Approved Inspection Station (AIS) unit - location of vehicle inspection 1 Main St Brisbane Qld 4000	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. • Front label For display (Light Blue) For display (Light Blue) For display (Blue) For di	
stationary, record as Pass or Fail	Must record street number, street name and suburb		1