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

Owner and vehicle details

Name: Bill Bloggs
Address: 1 Main Street, Brisbane QLD 4000

Plate number: 123ABC
State: QLD

Make: Holden
Model: Commodore
Badge: Wagon (SLX)

Vin/Chassis number: 1A2B3C4D5E6F7G8H9

Number of cylinders/free should be recorded in accordance with the Vehicle registration requirements.

Fuel type: Petrol

Number of doors: 5

Engine number: ZXY12F7TP

Compliance type:

Plate

Vehicle colour: Silver

Seating capacity: 5

Left or right hand drive: Right

Tare: 1492 kg

Results of inspection:

First inspection: Pass

Pass Fail

Identification: 
Modifications: 
Seats and restraints: 
Lights and electrical components: 
Windscreen and windows: 
Body and chassis: 
Steering and suspension: 
Wheels and tyres: 
Brake components: 
Engines and drivelines: 
Exhaust emissions: 
Road test: 

Service brake test:

Peak Average Peak Average
Distance 9 9
Distance 9 9

Hand brake test:

Peak Average Peak Average

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

Safety Certificate

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

LV-P

Mobile AIS unit failure of vehicle inspection

1 Main Street
Brisbane QLD 4000

Odometer reading: 123456 km

Mobile AIS unit date of first inspection: 29/02/2016

Inspection date: 08/00

Inspection time: 98765 km

Signature of examiner: Examener’s no.: 12345

First inspection

Final inspection

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 effect 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.

Propriety: 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)

Road Test Report

For display on vehicle:
Original (blue) This copy for registration of vehicle
Duplicate (yellow) Purchaser’s Owner’s copy

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

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

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

Only complete on re-inspection.

- Inspection result with tick for Pass Result or X for Fail Result.
- Date & time of inspection.
- Mobile AIS odometry reading if inspection conducted by mobile AIS.
- Examiner number and signature.
## Sample Certificate - Version Dec 2015

**Owner and vehicle details**

<table>
<thead>
<tr>
<th>Bill Boggs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Main Street</td>
</tr>
<tr>
<td>Brisbane Qld</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Registration number (if applicable)</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>123AB</td>
<td>QLD</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suzuki</td>
<td>DR350</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Body shape</th>
<th>Badge (for example, Super Sports) Number of cylinders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motorcycle</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Engine number</th>
<th>Z1Y:X1,2 F1X7 T1P</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Compliance type</th>
<th>Give details</th>
</tr>
</thead>
</table>

### First inspection

<table>
<thead>
<tr>
<th>Odometer reading</th>
<th>Date</th>
<th>Inspection time</th>
</tr>
</thead>
<tbody>
<tr>
<td>123456km</td>
<td>18/04/16</td>
<td>08:03</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Examiner's number</th>
<th>12345</th>
</tr>
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</table>

### Final inspection

<table>
<thead>
<tr>
<th>Odometer reading</th>
<th>Date</th>
<th>Inspection time</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Examiner's number</th>
<th>12345</th>
</tr>
</thead>
</table>

**Inspection station details**

<table>
<thead>
<tr>
<th>Name and location</th>
<th>Bob's Autos</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 Main St</td>
<td>Brisbane</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AIS Number</th>
<th>Mobile AIS unit Registration Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1234</td>
<td>MIU123</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Examiner's name (please print)</th>
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<tbody>
<tr>
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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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Proprietor's name (please print)</th>
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<tbody>
<tr>
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</tbody>
</table>

**Details of other items rejected**

- Excess exhaust noise.

**Must record**

- Inspect 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.

**Only complete if 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**

- Must complete Peak 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.**
## Owner and vehicle details

**Vehicle owner's name and address**

Bill Bloggs  
1 Main Street  
Brisbane Qld  
Postcode 4000  

**Registration number (check digit to the right)**

123AB  
**State**  
QLD  

**VIN/Chassis number**

1A2B3C4D5EF6FG8H9  

**Make**  
Suzuki  

**Model**  
DR350  

**Body shape**

Super Sports  

**Engine number**

ZYX12F1X7TP  

**Compliance type**

<table>
<thead>
<tr>
<th>Compliance</th>
<th>Import Plate</th>
<th>Other</th>
<th>Seating capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Date on Plate**

01/16  

**Vehicle colour**

Red  

**Side car fitted?**

Yes [ ]  
No [ ]  

**Results of inspection**

**Please indicate**

<table>
<thead>
<tr>
<th>Pass</th>
<th>Fail</th>
<th>First inspection</th>
<th>Final inspection</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

**Identification**

[ ]  

**Modifications**

[ ]  

**Seating**

[ ]  

**Lights and electrical components**

[ ]  

**Body and chassis**

[ ]  

**Steering and suspension**

[ ]  

**Chassis**

[ ]  

**Wheels and tyres**

[ ]  

**Brakes**

[ ]  

**Engine and drivelines**

[ ]  

**Exhaust emissions**

[ ]  

**Road test**

[ ]  

**Details of other items rejected**

**Excess exhaust noise:**

[ ]  

**Service brake - Peak 70%, Average 45%**

[ ]  

**Hand Brake - N/A**

[ ]  

**Mobile Approved Inspection (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.**

**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:  
Examined:  

**Inspection station details**

Name and location:  
Bob's Autos  
100 Main St Brisbane  
Postcode: 4000  

**AIS Number**

1234  

**Mobile AIS unit Registration Number**

MIU123  

**Privacy Statement:** This 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 may use or disclose all or any of this information to vehicle insurer, statutory bodies, lawyers, insurers, or persons involved in vehicle accidents/industries, or vehicle manufacturers or their employees, or agents and/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.

**Notes:**

- Front label (Light Blue) * for display  
- Duplicate (Yellow) * Owner's copy  
- Quadruplicate Book (White) * copy  
- Original (Blue) * This copy for registration of vehicle  
- TriPLICATE (Green) * To be given to owner where a further inspection is required.