

Information Sheet 2

AIS Fixed Premises, Inspection Area and Equipment Requirements

This information sheet provides the recommended inspection area dimensions that you should have prior to making an application for an Approved Inspection Station (AIS) approval.

It also outlines the required equipment for inspecting the type/s of vehicle/s you can apply for under an AIS approval (including at time of renewal).

Fixed premises requirements

If you are applying for an AIS approval, you must have a fixed premises which allows you to conduct vehicle inspections for the inspection types being applied for. If your proposed fixed premises is not located within a commercial or industrial zoned area, you may be asked to provide evidence of approval from your local council which authorises you to operate a vehicle inspection service from your proposed fixed premises.

If you intend to include a mobile AIS with your AIS application, you must meet the above fixed AIS premises requirements. If you fail to provide details of a proposed fixed AIS premises with your application, your AIS application may be refused. For more information about mobile AIS, read to *Information Sheet 7 – Making a mobile AIS application*.

Inspection area requirements

The *Business Rules for Approved Inspection Stations* (the AIS business rules) states that an AIS approval holder needs to ensure that the fixed AIS premises has a dedicated and suitably sized inspection area that allows an approved examiner to thoroughly inspect all types of vehicles the AIS approval holder is approved to inspect.

To meet this AIS business rule requirement, we recommend the following inspection area dimensions:

Vehicle type	Recommended inspection area dimensions
Motorcycles (MC)	2.4 metres wide by 3 metres long
Light Vehicles (LV and CL) and Light trailers (LT)	2.5 metres wide by 6 metres long
Heavy Vehicles (HV) and Heavy Trailers (HT)	3 metres wide by 15 metres long by 4.5 metres high

These are recommended inspection area dimensions. If you are inspecting larger heavy vehicles (for example, cattle crate heavy trailers), you may need a larger inspection area.

Required Equipment

An AIS approval holder must have the required equipment that allows an approved examiner to conduct a thorough inspection of any vehicles the AIS is approved to inspect.

You do not need to have the required equipment before making an application for an AIS approval. However, you must have the required equipment before conducting any vehicle inspections of the type listed in your AIS approval. This does not limit, excuse or provide you with a defence for providing inadequate equipment that prevents an approved examiner from carrying out a thorough inspection of a type of vehicle under the Queensland Code of Practice Vehicle Inspection Guidelines or the National Heavy Vehicle Inspection Manual.

If you have any questions about AIS equipment, please contact the Vehicle Standards Unit by telephone on 13 23 80 and ask for Vehicle Standards.

1. General tools and equipment (required for all vehicle types)

You need general tools and equipment to allow for the removal and refit of vehicle systems and components as required and other equipment necessary to conduct a thorough vehicle inspection. This may include:

- light transmission meter
- measuring equipment and gauges for disc rotors, brake drums, brake pads and brake linings
- wheel chocks
- kingpin gauges (for HT vehicle type if applicable)
- turntable locking tester (for HV vehicle type if applicable)

2. Equipment to check a vehicle's underbody (required for all vehicle types)

You need equipment to allow an approved examiner to thoroughly inspect a vehicle's under body. This may include a hoist, pit ramp, vehicle jacks or vehicle stands.

3. Equipment to check a vehicle's headlamp aim (required for MC, LV, CL and HV vehicle types)

Equipment to check a vehicle's headlamp aim including a graduated headlight testing screen or headlight testing machine. For further information about headlamp aiming equipment or operating procedures, refer to the *Code of Practice Vehicle Inspection Guidelines* or the *National Heavy Vehicle Inspection Manual*.

For further information about head light testing screens, refer to Vehicle Standards Instructions G21.2, Information sheets for Approved Examiners (refer to Information Sheet 9 – Lighting Standards), from the department's Vehicle standards instructions webpage at:

<http://www.tmr.qld.gov.au/Safety/Vehicle-standards-and-modifications/Vehicle-standards/Vehicle-standards-instructions>

The National Heavy Vehicle Regulator (NHVR) also provides information about headlight testing screens. For more information refer to the NHVR *National Heavy Vehicle Inspection Manual* which can be found at:

<https://www.nhvr.gov.au/nhvim>

4. Equipment to test vehicle’s brake system operation (required for MC, LV and/or HV vehicle types)

Equipment to test a vehicle’s brake system such as a decelerometer, roller brake testing machine or other equipment for testing brakes. Any handheld or portable brake testing equipment should be of a type that can be located securely in the vehicle that is being tested and does not dislodge under braking.

The department encourages applicants applying for AIS approval to have electronic brake testing equipment that can provide a digital reading and results which can be printed and attached to your copy of the inspection certificate or uploaded to ICO to verify the brake test.

For further information about brake testing equipment or operating procedures, refer to the *Queensland Code of Practice Vehicle Inspection Guidelines* or the *National Heavy Vehicle Inspection Manual*.

For heavy vehicles, the NHVR provide a NHVIM fact sheet about brake testing. This can be found on the NHVR web page at:

<https://www.nhvr.gov.au/safety-accreditation-compliance/vehicle-standards-and-modifications/national-heavy-vehicle-inspection-manual/national-roller-brake-testing-procedure>

5. Equipment to test vehicle’s brake system operations (required for CL vehicle types)

Brake testing equipment **must** be capable of producing the required brake test result (either paper or electronic) which records the date, time and GPS location of where the successful brake test was conducted. The brake test results **must** be able to be uploaded to the inspection record in ICO.

NOTE: GPS location is not required if the brake test equipment is at a fixed AIS and is not handheld or portable (for example, brake roller testers).

6. Additional equipment requirements for trailers (required for LT and/or HT vehicle types)

If you are applying for AIS approval to inspect light or heavy trailers, you are required to have the following equipment when the towing unit is not available:

- equipment for testing the operation of the lighting system and any electric brakes via the trailer plug or socket
- a device capable of compressing the tow coupling to test the function of any override braking system
- a vacuum source capable of testing the function of any vacuum braking system
- a compressed air source capable of testing the function of any full air or air assisted braking system.

Contact us

Phone	13 23 80 (ask for the AIS Administrator)
Email	ais@tmr.qld.gov.au (preferred contact method)
Website	www.tmr.qld.gov.au/ais

Post

AIS Administrator

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