

## Motor Vehicle Registry Information Bulletin

### V79 - Northern Territory Engineering Signatory Scheme

#### Background

All vehicles operating on the NT road network must comply with the requirements of the *Motor Vehicle (Standards) Regulations (MV(S)R)* incorporating the *Australian Vehicle Standards Rules (AVSR)*, and *Australian Design Rules (ADRs)* or operate under conditions imposed by the Northern Territory Motor Vehicle Registry (MVR).

The vehicle standards are focussed on safety and environmental outcomes for all road users. A vehicle owner may modify a vehicle provided modifications do not degrade these outcomes. Information regarding vehicle modification approval processes can be found in the department's vehicle Information Bulletins – [V32\(lv\) Light Vehicle Modifications](#) and [V32\(hv\) Heavy Vehicle Modifications](#).

Where a vehicle modification is deemed to have a significant effect on a vehicle's structure, handling or affect a vehicle's original compliance with ADRs, a vehicle owner may be required to obtain engineering certification from a recognised Engineering Signatory.

An Engineering Signatory is responsible for certifying compliance with safety and environmental aspects of vehicles and vehicle modifications.

#### What is a recognised “Engineering Signatory”?

A recognised Engineering Signatory is a person recognised and listed by the MVR as being able to suitably assess and certify vehicle modifications.

A recognised Engineering Signatory certifying a motor vehicle or component structure for its construction or modification must:

- a) have appropriate qualifications, experience and expertise in relation to the types of vehicle work they are required to certify;
- b) be capable of carrying out the necessary technical assessment, calculations, reporting, recording and other requirements for documenting inspections and certification;
- c) have access to appropriate equipment and facilities;
- d) personally inspect the vehicle or component structure or, have an authorised agent to do so on their behalf (remote locality only);
- e) ensure that the scope and any construction or modification complies with the requirements of the NT *Motor Vehicles Act* and Regulations as amended, recognised National Codes Of Practice (NCOP) relating to vehicle modifications and the Australian Design Rules; and
- f) issue an Engineering Certificate in the approved format – refer **Attachment A - 'Required Format for Engineering Certificate'**.

## Qualifications and Experience

Engineering Signatories must have:

- I. qualifications acceptable to the Institution of Engineers, Australia (IE Aust) for the grade of Member and be qualified and experienced in a relevant engineering discipline;

and / or

- II. qualifications and experience acceptable to either the Society of Automotive Engineers Australasia (SAE Aust) for the grade of Member; or IE Aust for the grade of Member (in a relevant engineering discipline).

## Testing Equipment and Facilities

Engineering Signatories must either possess or have access to, equipment and facilities suitable for tests and inspections relevant to their competency fields and vehicle categories for their relevant certification area.

## Expertise

As well as their professional core competencies and skills, Engineering Signatories must have knowledge and understanding of legislation and guidelines applicable to vehicle design and modifications for their relevant area(s) of expertise, and must have access to the following - including any amendments to:

- a) the *Federal Motor Vehicle Standards Act*;
- b) Australian Design Rules;
- c) relevant Australian Standards;
- d) the *Northern Territory Motor Vehicles Act* and relevant Regulations including the *NT Motor Vehicle (Standards) Regulations*; and
- e) relevant Codes of Practice, Information Bulletins, in-service maintenance standards and circulars issued or endorsed by MVR or the Federal Department responsible for transport.

## Engineering Signatory Register

Engineering Signatories who have expressed an interest in automotive certification work and who are assessed as meeting the criteria outlined in this Information Bulletin may be listed on the Department's Information Bulletin [V83 - NT Engineering Signatory Register](#).

This register is available to customers who are seeking engineering certification for their vehicle modifications/design, or who have been requested by the MVR to obtain certification for their modified vehicle. The NT will recognise (for assessment) certification that is provided by an **interstate engineering signatory** provided that signatory is already recognised or approved in their home State or Territory by the relevant motor vehicle registration authority at the time the subject certification is issued.

## Final Modification Approval

All certification provided by an Engineering Signatory is assessed by MVR Vehicle Standards and Compliance (Engineering) before final modification approval (vehicle registration) is issued.

## Contacts

Any questions regarding engineering certification issues may be directed to the MVR – Vehicle Standards and Compliance (Engineering) -

Telephone: (08) 8924 7157  
(08) 8924 7214  
(08) 8924 7041

# Attachment A

Sample format required for Engineering Certificates issued in the NT (front page only shown)

Letterhead / logo  
Address and Telephone Number

ENGINEERING CERTIFICATE NUMBER

ABC-123456

Date: \*\*/\*\*/\*\*\*\*

I have personally examined the vehicle described below. I hereby certify that the particulars shown in this certificate are correct and that the vehicle it describes is :

(Tick as applicable)

- A modified production vehicle
- An Individually constructed vehicle
- An imported vehicle
- Vehicle to be used for Hire & Reward operation? Yes  No

and is sound in its design and construction. In the affected areas, the vehicle meets the requirements of the NT Motor Vehicles Act and Regulations, as amended.

All Engineering Services Pty Ltd

*John Smith*

John Smith - CPEng {show details of professional affiliation(s)}  
01/01/2002

**Subject Vehicle Details** *(Sample information shown below)*

Registration Number **AB23YZ**  
Vehicle Category **MC (as original) (Changed from NA)**  
Vehicle Make & Model **TOYOTA LANDCRUISER 100 SERIES**  
Body Type **Station Wagon**  
Month and Year of Manufacture **00/2006**  
VIN/Chassis Number **JTECB09J70xxxxxx**  
Engine Number **XXXXXX**  
Engine Capacity **zzzzzz**  
Unladen Mass **bbbbbbkkg**  
GVM **1111kg (Changed from 3180kg)**  
GCM **Original**  
Odometer Reading **000000**  
Affected Australian Design Rules **6/00, 7/00, 17/00, 18/02, 24/02, 35/00, 42/02, 43/03, 44/02, 61/02**

**Vehicle Components**

Engine **Original**  
Transmission, Drive-line **Original**  
Front Suspension and Axles **Pedders TrakRyder Foam Cell Shocks and Coils with Original Axles**  
Rear Suspension and Axles **Pedders TrakRyder Foam Cell Shocks, Coils and Helper Airbags with Original Axles**  
Braking System **Replacement front disc brakes and brake master**  
Steering System **Replacement steering box with drag link and idler fitted**  
Wheels, Tyres **Original Wheels with 285/75R16 123R 1700kg Rated Tyres**  
Wheel Track **Original**  
Body/Chassis **Original**  
Seating, Seatbelt, Anchorages **Original**  
Overall Vehicle Height **2020mm (+75mm from original)**  
Vehicle Configuration **No change**

**SCOPE OF CERTIFICATION**

*(Describe nature of modifications and attached full report as applicable inclusive of justification covering affected ADRs as listed above)*

See attached certification report for details

Continued overleaf

End of sample format