

Summary of Light and Heavy Vehicle Modification Codes

1. Light Vehicle Modification Codes (Including stand alone Queensland Codes)

Information regarding qualifications, equipment, suppliers of equipment and vehicle category codes is included as Appendix 1 to 6 of this summary.

All applicants for accreditation as an AP for these codes must submit evidence of at least five (5) years relevant industry experience within the last ten (10) in manufacture and/or maintenance and/or modifications for light vehicles and/or motorcycles (if applicable). **This 5 year period may be a continuous 5 year period or made up of a number of periods within the last 10 years.**

CODE LA - Engine Modifications

CODE	MODIFICATION	QUALIFICATION (must be one of the following)	EQUIPMENT
LA1	Equivalent Engine Substitution	1 or 3 or 4	20,21,22,23,24,26,27
LA2	Performance Engine Installation	1 or 3 or 4	20,21,22,23,24,26,27
LA3	Supercharger/Turbocharger Installation	1 or 3 or 4	20,21,22,23,24,26,27
LA4	Engine Modifications	1 or 3 or 4	20,21,22,23,24,26,27

CODE LB - Transmission

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LB1	Transmission Substitution	1 or 3 or 4	20,21,22,23,24,26,27
LB2	Rear Axle Substitution	1 or 3 or 5	20,21,22,23,24,26,27

CODE LG - Brakes

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LG1	Brake System Conversion (Design)	1	20,21,22,23,24,26,27
LG2	Brake System Conversion	2 or 3 or 4	20,21,22,23,24,26,27

CODE LH – Body and Chassis

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LH1	Roof Conversion (Design)	1	20,21,22,23,24,26,27
LH2	Roof Conversion	1 or 3 or 6	20,21,22,23,24,26,27

CODE LH – Body and Chassis

CODE	MODIFICATION	QUALIFICATION (must be one of the following)	EQUIPMENT
LH3	Modified Wheelbase Conversion (Design)	1	20,21,22,23,24,26,27
LH4	Modified Wheelbase Conversion	2 or 3 or 7	20,21,22,23,24,26,27
LH5	Vehicle Construction (Design)	1	20,21,22,23,24,26,27
LH6	Vehicle Construction	2 or 3 or 8	20,21,22,23,24,26,27
LH7	Body Chassis Variants Conversion	2 or 3 or 7	20,21,22,23,24,26,27
LH9	Street Rod Certification	2 or 3 or 8 plus 17	20,21,22,23,24,26,27,33
LH10	Street Rod Certification	2 or 3 or 8 plus 17	20,21,22,23,24,26,27,33
LH11	Campervan and Motor home Conversion	2 or 3 or 7	20,21,22,23,24,26,27

CODE LK – Seating and Occupant Protection

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LK1	Seat & Seat Belt Installation	2 or 3 or 7	20,21,22,23,24,26,27
LK2	Seat & Seat Belt Anchorage (Design)	1	20,21,22,23,24,26,27
LK6	Child Restraint Anchorage Installation	2 or 3 or 7	20,21,22,23,24,26,27
LK8	Roll Bar and Roll Cage Installation	2 or 3 or 7	20,21,22,23,24,26,27
LK9	Roll Bar, Roll Cage and Roll Over Protection System Design	1	20,21,22,23,24,26,27
LK10	Aftermarket Roll Cage and Roll Over Protection Systems Installation	2 or 3 or 7	20,21,22,23,24,26,27

CODE LL – Motorcycles and Three Wheeled Vehicles

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LL7	Seating Capacity Alteration	2 or 3 or 9	20,21,22,23,24,26,27

CODE LM – Fuel Systems

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LM1	Fuel Tank Alteration	2 or 3 or 10	20,21,22,23,24,26,27

Codes LM2 and LM3 are not used in Queensland. Installation of all LPG and LNG are regulated by Queensland Mines and Energy. Vehicle Owners installing these systems should contact a licensed gas installer.

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LO1	Australian Design Rule Compliance	1	20,21,22,23,24,26,27
LO2	ICV Passenger Cars and Derivatives	1	20,21,22,23,24,26,27

CODE LO – Vehicle Standards Compliance

CODE	MODIFICATION	QUALIFICATION (must be one of the following)	EQUIPMENT
LO3	Personal Imported Vehicle Compliance	1	20,21,22,23,24,26,27
LO4	ICV Tricycle LEM1	1	20,21,22,23,24,26,27
LO5	ICV Tricycle LEP1	1	20,21,22,23,24,26,27
LO7	ICV Motorcycle	1	20,21,22,23,24,26,27
LO8	Pre 1972 Imported Vehicle Safety Compliance	1	20,21,22,23,24,26,27

CODE LS – Suspension and Steering

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LS1	LHD Vehicle Steering Conversion (Design)	1	20,21,22,23,24,26,27
LS2	LHD Vehicle Steering Conversion	2 or 3 or 7	20,21,22,23,24,26,27
LS3	Front Suspension and Steering Conversion (Design)	1	20,21,22,23,24,26,27
LS4	Front Suspension and Steering Conversion	2 or 3 or 7	20,21,22,23,24,26,27
LS5	Rear Suspension Conversion (Design)	1	20,21,22,23,24,26,27
LS6	Rear Suspension Conversion	2 or 3 or 7	20,21,22,23,24,26,27
LS9	High Lift – 50mm to 125mm (Design)	1	20,21,22,23,24,26,27
LS10	High Lift – 50mm to 125mm (Modification)	2 or 3 or 7	20,21,22,23,24,26,27

CODE LT – Certified Tests

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LT1	Beam and Torsional Tests	1	20,21,22,23,24,26,27
LT2	Lane Change Maneuvering Test	1	20,21,22,23,24,26,27
LT3	Gaseous Emissions Test	1 plus 19	20,21,22,23,24,26,27
LT4	Noise Test	1 or 3 or 4	20,21,22,23,24,26,27,34

CODE LV – Installation of Electric Drives on Motor Vehicles

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
LV1	Installation of Electric Drives in Motor Vehicles	1	20,21,22,23,24,26,27

Use of Heavy Vehicle Modifications on Light Vehicles (GVM not exceeding 4.5 tonnes)

Light Vehicles listed in the table below are permitted to be modified using codes in Sections D, F, G, H, K, Q and R of VSB 6. The codes in section H only apply to vehicles that have separate body/cab and chassis i.e. are NOT of monocoque construction.

When certifying modifications to light vehicles that have been carried out under VSB6 modification codes Vehicle Standards Instruction (General 12.0) must be followed.

Vehicle Type	Vehicle Category (3 rd Edit ADR)
Forward Control Passenger Vehicle (1)	MB
Off Road Passenger Vehicle (1)	MC
Light Omnibus (up to 3.5 tonnes GVM, up to 12 seats) (1) (up to 3.5 tonnes GVM, over 12 seats) (1) (over 3.5 tonnes GVM, up to 4.5 tonnes GVM) (1)	MD MD1 MD2 MD3
Light Goods Vehicle (1)	NA
Medium Goods Vehicle (over 3.5 tonnes GVM, up to 4.5 tonnes GVM) (1)	NB NB1

2 Heavy Vehicle Modification Codes (Including stand alone Queensland Codes)

All applicants for accreditation as an AP for these codes must submit evidence of at least five (5) years relevant industry experience within the last ten (10) in manufacture and/or maintenance and/or modifications for light vehicles and/or motorcycles and/or heavy vehicles. **This 5 year period may be a continuous 5 year period or made up of a number of periods within the last 10 years.**

CODE A – Engine Modifications

CODE	MODIFICATION	QUALIFICATION (must be one of the following)	EQUIPMENT
A1	Engine Substitution	1 or 2 or 12	20,21,22,24,25,26,27
A2	Air Cleaner Substitution or Additional Fitment	1 or 2 or 12	20,21,22,24,25,26,27
A3	Turbo Charger Installation	1 or 2 or 11	20,21,22,24,25,26,27,35
A4	Exhaust System Alterations	1 or 2 or 16	20,21,22,24,25,26,27,36
A5	Road Speed Limiter Installation	1 or 2 or 12	20,21,22,24,25,26,27,39,40,41

CODE B – Transmission

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
B1	Transmission Substitution or Additional Fitment	1 or 2 or 12	20,21,22,24,25,26,27

CODE C – Tailshaft

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
C1	Tail shaft Alterations	1 or 2 or 12	20,21,22,24,25,26,27

CODE D – Rear Axle

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
D1	Rear Axle/s Installation	1 or 2 or 12	20,21,22,24,25,26,27
D2	Differential Substitution	1 or 2 or 12	20,21,22,24,25,26,27

CODE E – Front Axles Steering and Wheels

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
E1	Front Axle Installation	1 or 2 or 12	20,21,22,24,25,26,27
E2	Steering System Alteration	1	20,21,22,24,25,26,27
E3	Fitting of Non-Standard Wheels and Rims and Tyre Componentry	1	20,21,22,24,25,26,27

CODE F - Suspension

CODE	MODIFICATION	QUALIFICATION (must be one of the following)	EQUIPMENT
F1	Suspension Substitution	1 or 2 or 12	20,21,22,24,25,26,27
F2	Trailer Suspension Modification	1 or 2 or 12	20,21,22,24,25,26,27

CODE G - Brakes

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
G1	Air Brake System – Repositioning of Controls, Valves & Pipe work	1 or 2 or 12	20,21,22,24,25,26,27
G2	Fitting of Trailer Brake 10 plus Connections & Controls on Prime Movers	1 or 2 or 12	20,21,22,24,25,26,27
G3	Trailer Brake System Upgrading	1 or 2 or 12	20,21,22,24,25,26,27
G4	Brake System Certification	1	20,21,22,24,25,26,27,38
G5	Auxiliary Brake Installation	1 or 2 or 12	20,21,22,24,25,26,27
G6	Air Operated Accessories	1 or 2 or 12	20,21,22,24,25,26,27
G7	Brake System Substitution	1 or 2 or 12	20,21,22,24,25,26,27
G8	Trailer Brake System Upgrade	1	20,21,22,24,25,26,27

CODE H – Chassis Frame

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
H	CHASSIS FRAME		
H1	Wheelbase Extension greater than 1 st Manufacturer's Option	1 or 2 or 13	20,21,22,24,25,26,27
H2	Wheelbase Reduction less than 1 st Manufacturer's Option	1 or 2 or 13	20,21,22,24,25,26,27
H3	Wheelbase Extension or Reduction within 1 st Manufacturer's Option	1 or 2 or 13	20,21,22,24,25,26,27
H4	Chassis Frame Alteration other than Change in Wheelbase	1 or 2 or 13	20,21,22,24,25,26,27
H5	Trailer Chassis frame Modification	1 or 2 or 13	20,21,22,24,25,26,27

CODE J – Body Mounting

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
J1	Mounting of Body – Vehicles greater than 4.5 tonne GVM	1 or 2 or 13	20,21,22,24,25,26,27

CODE K - Cabin

CODE	MODIFICATION	QUALIFICATION (must be one of the following)	EQUIPMENT
K1	Seating capacity Alteration & Seat Belt Alteration	1 or 2 or 11	20,21,22,24,25,26,27
K2	Seat belt Anchorage Certification	1	20,21,22,24,25,26,27
K3	Cabin Conversion	1 or 2 or 13	20,21,22,24,25,26,27
K5	Wheelchair restraint Installation	1 or 2 or 11	20,21,22,24,25,26,27,28
K6	Child restraint Installation (Stand alone Queensland Code)	1 or 2 or 11	20,21,22,24,25,26,27

CODE M – Fuel Systems

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
M1	Fuel Tank repositioning or Additional Fitting	1 or 2 or 12	20,21,22,24,25,26,27

CODE P – Tow Couplings Fifth Wheels

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
P1	Tow Coupling Installation Vehicle greater than 4.5 tonne GVM	1 or 2 or 13	20,21,22,24,25,26,27,29
P2	Fifth Wheel & King Pin Installation	1 or 2 or 11	20,21,22,24,25,26,27,30

CODE Q – Truck Mounted Lifting Systems Slewing

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
Q1	Truck Mounted Crane Installation 1.0 to 10 meter tonne capacity	1 or 2 or 13	20,21,22,24,25,26,27,31

CODE R – Vehicle Mounted Lifting Systems – Non Slewing

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
R1	Goods Loading Device Installation	1 or 2 or 13	20,21,22,24,25,26,27
R2	Wheelchair Loader Installation	1 or 2 or 13	20,21,22,24,25,26,27,32

CODE S – Vehicle Rating

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
S1	GVM Rating within Manufacturer's Specifications	1 or 2 or 12	20,21,22,24,25,26,27
S2	GVM Rating for Non Standard Vehicles	1	20,21,22,24,25,26,27
S3	Gross Combination Mass Rating	1	20,21,22,24,25,26,27
S4	Rigid Omnibus Mass Rating	1	20,21,22,24,25,26,27

CODE S – Vehicle Rating

CODE	MODIFICATION	QUALIFICATION (must be one of the following)	EQUIPMENT
S5	Articulated Omnibus Mass Rating	1	20,21,22,24,25,26,27
S6	Omnibus Evaluation	1 or 2 or 14	20,21,22,24,25,26,27
S7	Aggregate Trailer Mass Rating	1 or 2 or 14	20,21,22,24,25,26,27
S8	Road Train Prime Mover Rating	1	20,21,22,24,25,26,27,37,42
S9	B-Double Rating	1	20,21,22,24,25,26,27,37,42
S10	Concessional Livestock Loading Vehicle Rating	1 or 2 or 15	20,21,22,24,25,26,27
S11	Road Train Trailer Rating	1	20,21,22,24,25,26,27
S12	Aggregate Trailer Mass Rating for Non Standard Trailers	1	20,21,22,24,25,26,27
S13	Bus Life Vehicle Rating	1	20,21,22,24,25,26,27

CODE T – Tow Trucks

CODE	MODIFICATION	QUALIFICATION	EQUIPMENT
T1	Construction of Tow Trucks	1 or 2 or 13	20,21,22,24,25,26,27
T2	Design of Tow Trucks	1	20,21,22,24,25,26,27

Unless authorised in writing by the Chief Executive under section 13(2)(b) of the VSS Regulation, VSB6 and K6, S4, S5, S6, S10 and S13 sections of the QCOP are only to be used to certify modifications to heavy motor vehicles (vehicles with an ATM or GVM exceeding 4.5t).

Additionally, the NCOP and LH9, LH10, LL7 and LO8 sections of the QCOP are only to be used to certify modifications to light motor vehicles (GVM not exceeding 4.5t) and motorbikes.

3 – Qualification Description for Modification Codes

All applicants for accreditation as an AP for these codes must be able to **verify at least 5 years relevant industry experience** in manufacture and/or maintenance and/or modifications for either/and/or light and/or heavy vehicles as being applied for.

All trade certificates must be accompanied by the RTO issued Statement of Attainment.

Qualification Number	Description
1	A Registered Professional Engineer (RPEQ) as defined by the Queensland Professional Engineers Act 2002. Required at time of application: <ul style="list-style-type: none"> evidence of current registration as an RPEQ a copy of your engineering degree
2	A recognised and acceptable Diploma or Degree in Mechanical Engineering A recognised and acceptable Diploma or Degree in Automotive Engineering
3	An "Approved Examiner" appointed under the provisions of the <i>Transport Operations (Road Use Management – Accreditation and Others Provisions) Regulation 2005</i> .
4	Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following: <ul style="list-style-type: none"> Cert III in Automotive Engineering (Motor Mechanics) "A" Grade Motor Mechanic Cert III in Engineering (Mechanical – Heavy Commercial Vehicle). Diesel Fitter
5	Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following: <ul style="list-style-type: none"> Cert III in Automotive Engineering (Motor Mechanics) "A" Grade Motor Mechanic Cert III in Engineering (Mechanical – Heavy Commercial Vehicle). Diesel Fitter Cert III in Engineering (Fitting – Turning and Machining) Cert III in Automotive Engineering (Body Building) Cert III in Automotive Engineering (Auto Body Repairs)
6	Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate in one of the following: <ul style="list-style-type: none"> Cert III in Automotive Engineering (Motor Mechanics) "A" Grade Motor Mechanic Cert III in Engineering (Fitting – Turning and Machining) Cert III in Automotive Engineering (Body Building) Cert III in Automotive Engineering (Auto Body Repairs). Fitter Welder

All trade certificates must be accompanied by the RTO issued Statement of Attainment.

Qualification Number	Description
7	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Fitting – Turning and Machining) • Cert III in Automotive Engineering (Body Building) • Cert III in Automotive Engineering (Auto Body Repairs) • Fitter Welder • Panel Beater
8	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Automotive Engineering (Heavy Commercial Vehicle) • Diesel Fitter • Cert III in Engineering (Fitting – Turning and Machining) • Fitter Welder
9	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Mechanical – Heavy Commercial Vehicle). • Diesel Fitter • Cert III in Automotive Mechanical Technology (Motorcycle)
10	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Mechanical – Heavy Commercial Vehicle) • Cert III in Engineering (Fitting – Turning and Machining) • Cert III in Automotive Engineering (Body Building) • Cert III in Automotive Engineering (Auto Body Repairs) • Fitter Welder • Panel Beater

All trade certificates must be accompanied by the RTO issued Statement of Attainment.

Qualification Number	Description
11	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Mechanical – Heavy Commercial Vehicle) • Diesel Fitter • Cert III in Engineering (Fitting – Turning and Machining) • Cert III in Automotive Engineering (Body Building) • Cert III in Engineering (Fabrication) • Fitter Welder • Boilermaker
12	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Mechanical – Heavy Commercial Vehicle) • Diesel Fitter • Cert III in Engineering (Fitting – Turning and Machining) • Cert III in Engineering (Electrical – Automotive Mechanics) (for Code A5 only) • Fitter Welder
13	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Engineering (Fitting – Turning and Machining) • Cert III in Automotive Engineering (Body Building) • Cert III in Engineering (Fabrication) • Fitter Welder • Boilermaker
14	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Mechanical – Heavy Commercial Vehicle). • Diesel Fitter • Cert III in Engineering (Fitting – Turning and Machining) • Cert III in Automotive Engineering (Body Building)

All trade certificates must be accompanied by the RTO issued Statement of Attainment.

Qualification Number	Description
15	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Mechanical – Heavy Commercial Vehicle). • Diesel Fitter • Cert III in Engineering (Fitting – Turning and Machining)
16	<p>Engineering Tradespersons Certificate or an Australian Recognised Trade Certificate for at least one of the following:</p> <ul style="list-style-type: none"> • Cert III in Automotive Engineering (Motor Mechanics) • "A" Grade Motor Mechanic • Cert III in Engineering (Mechanical – Heavy Commercial Vehicle) • Diesel Fitter • Cert III in Engineering (Fitting – Turning and Machining) • Cert III in Automotive Engineering (Body Building) • Cert III in Engineering (Fabrication) • Automotive Electrician (for Code A5 only)
17	<p>At least 5 years relevant industry experience in light vehicle manufacture and/or maintenance and/or modifications plus additional experience relevant to Street Rod vehicles sufficient to satisfy the Australian Street Rod Federation (Queensland Technical Advisory Committee) and a current member of the Australian Street Rod Federation. The Queensland Technical Advisory Committee must continue to support your street rod experience.</p>
18	<p>At least 5 years relevant industry experience in light vehicle exhaust maintenance and/or modifications and/or noise level testing in accordance with the requirements of the National Stationary Noise Test Procedures for In-Service Motor Vehicles – September 2006.</p>
19	<p>NATA Certified to conduct IM240 testing</p>

4 - Equipment Required by Approved Persons for Vehicle Modifications

The applicant for accreditation as an AP for these codes must demonstrate that they possess or has access to the following:

Equipment No.	Description
20	<i>Transport Operations (Road Use Management) Act 1995.</i>
21	<i>Transport Operations (Road Use Management - Accreditation and Other Provisions) Regulation 2005</i>
22	<i>Transport Operations (Road Use Management – Vehicle Standards and Safety) Regulation 2010</i>
23	National Code of Practice for Light Vehicle Construction and Modification – VSB 14
24	Queensland Code of Practice - Vehicle Modifications
25	National Code of Practice – Heavy Vehicle Modifications – (VSB – 6)
26	Australian Design Rules for Motor Vehicle Safety – 2 nd Edition
27	Australian Design Rules for Motor Vehicle Safety and Trailers – 3 rd Edition
28	Australian Standard 2942-1994 Wheel Chair Occupant Restraint Assemblies
29	Australian Standards: <ul style="list-style-type: none"> • 2213.2-2001 50mm Pin Type Couplings and Draw Bar Eyes • 1110.1-2000 Metric Hexagon Precision Bolts and Screws • 1110.2-2000 Metric Hexagon Precision Bolts and Screws • 1554.1-2000 Welding of Steel Structures • 2321-2001 Short Link Chain for Lifting Purposes
30	Australian Standards: <ul style="list-style-type: none"> • 4968.1-2003 Installation of Fifth Wheel and Turntables • 4968.2-2003 Articulated Vehicles – Fifth Wheel Assemblies • 2174.1-1994 Non Dedicated Combinations • 2174.2-1994 Dedicated Vehicle Combinations • 4968.3-2003 Articulated Vehicles King Pins
31	Australian Standards AS 1418.1-2002 and AS 1418.5-2002
32	Australian Standard AS 3856.1-1998 & AS 3856.2-1998 Hoists and Ramps for People with Disabilities – Vehicle Mounted
33	Australian Street Rod Federation and Queensland Street Rod Guidelines
34	A sound level meter meeting the requirements of the National Stationary Noise Test Procedures for In-Service Motor Vehicles - September 2006.

Equipment No.	Description
35	Must have access to Smoke Measuring Apparatus as per ADR 30/00
36	Must have access to Sound Meter in accordance with AS 1259.1-1990
37	Must have access to a Precision Brake Response Timer
38	Must have access to a Fifth Wheel Distance and Speed Measuring Device
39	Stop Watch
40	Hand Held Engine Tachometer
41	Lead Seal Applicator identifying the Authorised Number of the AP
42	Have attended a Heavy Vehicle Registration Assessment Scheme Training Course

5- Suppliers of Equipment Required by Approved Persons for Vehicle Modifications

Item No.	Supplier	Telephone No.
20, 21 & 22	Queensland Government for copies of the Act and Regulations http://www.legislation.qld.gov.au	13 74 68
23 & 24	Department of Transport & Main Roads website www.tmr.qld.gov.au download free of charge	13 23 80
25, 26, 27, 28, 29 & 30	Infrastructure Australia GPO Box 594 Canberra ACT 2601 Telephone: (02) 8114 1900 Fax: (02) 8114 1932 Email: mail@infrastructureaustralia.gov.au	(02) 6274 7684 Fax - (02) 6274 7979
40,41,42,43 & 44	SAI Global (stockist of all Australian Standards) Internet: www.saiglobal.com	13 12 42 Fax - 1300 654 949
33	Queensland Street Rod Federation (John Kean) PO Box 4665 Loganholme DC Qld 4129	0409 627 336
36	Belcur Pty Ltd 93 Cumberland Drive Alexandra Hills Qld 4161	(07) 3376 1611
41	Myers Badges & Dies 512 Seventeen Mile Rocks Road Jindalee Qld 4074 Internet: www.photograde.com.au	(07) 3376 1611
42	Department of Transport and Main Roads To contact the HVRAS training officer in your area	13 23 80

6 - Vehicle Category Codes.

The Approved Codes of Practice cover modifications to the following vehicle categories.

Vehicle Category	Vehicle Type (3 rd Edition ADR)
LA - Moped - 2 Wheels	A 2-wheeled motor vehicle, not being a power-assisted pedal cycle, with an engine cylinder capacity not exceeding 50 ml and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h; or a 2-wheeled motor vehicle with a power source other than a piston engine and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h.
LB - Moped - 3 Wheels	A 3-wheeled motor vehicle, not being a power-assisted pedal cycle, with an engine cylinder capacity not exceeding 50 ml and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h; or a 3-wheeled motor vehicle with a power source other than a piston engine and a 'Maximum Motor Cycle Speed' not exceeding 50 km/h.
LC – Motor Cycle	A 2-wheeled motor vehicle with an engine cylinder capacity exceeding 50 ml or a 'Maximum Motor Cycle Speed' exceeding 50 km/h.
LE – Motor Tricycle	A motor vehicle with 3 wheels symmetrically arranged in relation to the longitudinal median axis, with a 'Gross Vehicle Mass' not exceeding 1.0 tonne and either an engine cylinder capacity exceeding 50 ml or a 'Maximum Motor cycle Speed' exceeding 50 km/h.
MA – Passenger Car	A passenger vehicle, not being an off-road passenger vehicle or a forward-control passenger vehicle, having up to 9 seating positions, including that of the driver.
MB - Forward-Control Passenger Vehicle	A passenger vehicle, not being an off-road passenger vehicle, having up to 9 seating positions, including that of the driver, and in which the centre of the steering wheel is in the forward quarter of the vehicle's 'Total Length.'
MC - Off-Road Passenger Vehicle	A passenger vehicle having up to 9 seating positions, including that of the driver and being designed with special features for off-road operation. (See Definitions and Vehicle Categories for special features)
MD – Light Omnibus	An omnibus with a 'Gross Vehicle Mass' not exceeding 5.0 tonnes.
ME – Heavy Omnibus	An omnibus with a 'Gross Vehicle Mass' exceeding 5.0 tonnes.
NA - Light Goods Vehicle	A goods vehicle with a 'Gross Vehicle Mass' not exceeding 3.5 tonnes.
NB - Medium Goods Vehicle	A goods vehicle with a 'Gross Vehicle Mass' exceeding 3.5 tonnes but not exceeding 12.0 tonnes.
NC - Heavy Goods Vehicle	A goods vehicle with a 'Gross Vehicle Mass' exceeding 12.0 tonnes.
TC – Medium Trailer	A trailer with a 'Gross Trailer Mass' exceeding 3.5 tonnes but not exceeding 10 tonnes.
TD - Heavy Trailer	A trailer with a 'Gross Trailer Mass' exceeding 10 tonnes.