Vehicle Standards Bulletin No 14

National Code of Practice for Light Vehicle Construction and Modification

(ADR Category LEP1)

CODE LO5

CHECKLIST LO5-LEP1

VERSION 2.0 JANUARY 2011

This checklist is called up by Code LO5 of Section LO Vehicle Standards Compliance and the National Guidelines for Individually Constructed LE1 Motor Tricycles (Other than Goods Vehicles) in Australia.

It is intended to assist those who wish to build an individually constructed tricycle.

The checklist applies to ADR category LEP1 tricycles only.

Refer to Section LO for more detailed information on effective dates for tricycle ADR categories. Alternatively, effective dates may be found at the following website:

http://rvcs.dotars.gov.au/

Owner Details							
Owner's Name							
Address							
Telephone			Mobile				
Email							
/ehicle Details							
Make	Model			Yea Man	r of Iufacti	ure	
Vehicle Mass (kg)	Fuel Tank C Number (wh		-				
VIN/Chassis Number							
Engine Details				Ma	- £		
Make	Type			No. Cyli		/Rotors	
Displacement	Litres or		Cubic Inches		r of lufacti	ure	
ADR Engine was designed to comply with	Maximum P Output	ower -		kW	or		_ ВНР
Gignatory Certification Vehicle Certified by (Signatory)							
Signatory Employer (if applicable)							
Signatory's Signature				Date	e _		
VIN	Certificate No)		Signatur			

MAKE:		MODEL	CATEGORY LEP > 450kg Unladen mass
ENGINE No.			VIN:
	ADR 1/00 REVER	(NA= SING LIGHTS (October 19	=Not Applicable, Y=Yes, N=No
CLAUSE No	FEATURE	,	COMPLIANCE
	Refer to ADR 67/00		
	ADR 2/00 DOO	R LATCHES AND HINGES	
CLAUSE No	FEATU	RE	Compliance
	Where applicable		•
2.2.1.1	Two latch positions?		Y N N NA
2.2.1.1.1/2	Longitudinal and transverse res	straints?	Y N N NA
2.2.1.3	Locks on all side doors and opinterior?	erating mechanism in the	Y 🗌 N 🗌 NA 🗍
2.2.1.3.1	Do front door locks prevent the	ir opening from outside?	Y N N NA
	ADR 3/02- SEATS	S AND SEAT ANCHORAGE	ES
CLAUSE No	FEATU	RE	Compliance
5.8.1	Self-locking restraining device provided on all hinged seats or		Y
5.8.2	Where the seat must hinge for readily accessible to the occup occupant of any seat immediat	ant of that seat, and to the	Y 🗌 N 🗌 NA 🗍
5.8.6	Where Seats are mounted on hoover self latching?	•	Y 🗌 N 🗌 NA 🗍
VIN	Certificate	J ^o Signafure	
VIN	Certificate N	N° Signature	9

ADR 4/03 – SEATBELTS				
CLAUSE No		FEATURE		Compliance
	Note: Depending on may be exempt	the design of the	Trike seatbelts	
5.3	Retractor lap sash sea positions?	at belts on all outbo	ard seating	Y 🗌 N 🗌 NA 🗌
5.3.1.2	Lap belts, at least, for	all other seating po	sitions?	Y 🗌 N 🗌 NA 🗌
	For any two seating position, identify:	(1)	(2)	
	(1) location			
	(2) mfr name/trade mark #			Y
5.7	(3) date of manufacture M/Y(not required if ECE)			Y 🗌 N 🗌 NA 🗌
	(4) identification code #			Y
	(5) AS2596 Lic no			
	Buckle Identification code if different to Lap/Sash			Y
5.3.1.1	Driver's seatbelt only i	ncorporate an ELR	?	Y N NA
5.3.1.2	All other outboard sea an ALALR?	tbelts incorporate a	an ELR and/or	Y
5.4	Removal of seatbelt as components without to		ion of functional	Y
5.8.1	Are all buckles of a quick-release design?		?	Y N NA
5.8.1	Are release instructions printed legibly on the front of the buckle and/or the release coloured red or orange? (for ECE).		Y 🗌 N 🗌 NA 🗌	
6.3.1 6.3.3	Any free end of strap of a seatbelt, (1) Prevented from passing through an adjuster? Y \[\sum N \[\sum NA \[\sum \]			Y
	(2) Have at least 25mr extended?	n available grip wh	en fully	Y 🗌 N 🗌 NA 🗌

VIN	Certificate N°	Signature
Notes:		

7.4	Buckle component of the retracting strap accessible	? Y N N NA
7.5	Buckle component of the non-retracting part of seath assembly (for individual front seats), supported by rig member and pivots no more than 50mm vertically?	
7.6	Positive feature to restrain outboard buckles?	Y
	ADR 5/04 – ANCHORAGES FOR SEATE	BELTS
CLAUSE No	FEATURE	COMPLIANCE
5.2.1	Seat belt anchorages for all seating positions?	Y 🗌 N 🗌 NA 🗌
	ADR 8/01 - SAFETY GLAZING MATER	RIAL
CLAUSE No	FEATURE	COMPLIANCE
	Note: Trikes may not be fitted with glazing (not mandatory).	
5.3	Is transparent material other than glass used in the vehicle? If YES, note the location and markings.	Y
6.1	All glazing suitably marked?	Y
5.4	Windscreen glass marked as being laminated?	Y 🗌 N 🗎 NA 🗌
8.1	Glazing standard and approval No. (1) Windscreen? (2) Driver's side Window? (3) Rear screen?	
	ADR 10/01 - STEERING COLUMN	
CLAUSE No	FEATURE	COMPLIANCE
	Is Trike fitted with a leading link front suspension?	Y N NA
	ADR 11/00 – INTERNAL SUN VISOF	rs
CLAUSE No	FEATURE	COMPLIANCE
	Note : It is unlikely that a Trike will have internal sun visors fitted	Y
[VIII.	10 425 4 140	
VIN	Certificate N° Sig	jnature
Notes:		

ADR 12/00 – GLARE REDUCTION IN FIELD OF VIEW			
CLAUSE No	FEATURE	COMPLIANCE	
12.2.1	Are all surfaces of components in the driver's field of view of a matt or satin finish?	Y	
	ADR 14/02 - REAR VISION MIRRORS		
CLAUSE No	FEATURE	COMPLIANCE	
	Reflective surfaces of the internal mirror flat?	Y	
	Driver's external mirror fitted? Is it Flat or Convex?	Flat Convex	
	If LHS external mirror fitted? Is it Flat or Convex?	Flat Convex	
	Is the average radius of curvature of Convex mirrors not less than 1,200mm?	Y 🗌 N 🗌 NA 🗌	
	Are all mirrors stably mounted?	Y 🗌 N 🗌 NA 🗌	
	Where the design of the vehicle does not provide for internal rear vision, are two complying external mirrors fitted?	Y 🗌 N 🗌 NA 🗌	
	RHS external mirror adjustable from the drivers seating position?	Y 🗌 N 🗌 NA 🗌	
	RHS external mirror not obscured by the unwiped portion of the windscreen?	Y 🗌 N 🗌 NA 🗌	
	Do all mirrors fitted meet the <i>Field of View</i> requirements specified in Appendix C of ADR 42/02	Y 🗌 N 🗌 NA 🗌	
	ADR 18/02 - INSTRUMENTATION		
CLAUSE No	FEATURE	COMPLIANCE	
	For All Vehicle Categories.		
18.4.2	Speed indicating element colour and background contrast?	Y	
18.5.1.1.1	Vehicle speed indicated in km/h only?	Y N N NA	
18.5.1.2	Speedometer readily visible to the driver?	Y N N NA	
18.5.2.1.1	Odometer. Distance travelled indicated in at least 1 km units, at least from 1 to 600,000km?	Y 🗌 N 🗌 NA 🗌	

VIN	Certificate N°	Signature
Notes:		

	ADR 19/02 – LIGHTING FOR L C	ATEGORY	
CLAUSE No	FEATURE		COMPLIANCE
	Note: Vehicle complying with ADR 67 is de comply with ADR 19/02	emed to	
	ADR 20/00 – SAFETY RI	MS	
CLAUSE No	FEATURE		COMPLIANCE
20.1.1	Are safety rims fitted?		Y N N NA
	ADR 21/00 - INSTRUMENT F	PANEL	
CLAUSE No	FEATURE		COMPLIANCE
21.2.1	Panel left of steering wheel appears to be pad	ded?	Y N N NA
21.3.1	Interior compartment door(s) have a positive resystem?	etention	Y
	ADR 22/00 - HEAD RESTRA	AINTS	
CLAUSE No	FEATURE		COMPLIANCE
22.2.2.2	Minimum height of upper boundary above intersection of seat cushion and seat back at centre line of seat greater than 700mm?	 mm	Y 🗌 N 🗌 NA 🗌
22.2.3	Width not less than 170mm for individual seat and 250mm for bench seat at approx 700mm?	 mm	Y
	ADR 23/01 - PASSENGER CA	R TYRES	
CLAUSE No	FEATURE		COMPLIANCE
23.2.3	For one tyre fitted, identify: (If tyre size different front and rear, complete for 1 Fr and 1 Rr tyre) (1) Manufacturer or trade mark. (2) Tyre size, speed category and carcass construction symbols. (3) Date code.		FR TR FR TR FR TR
23.2.2.1.2	At least 4 tread wear indicators?		Y N NA
23.2.3	Each tyre labelled on both sides, except for <i>Asymmetrical Tyres</i> , which are at least labelled on the outer <i>Sidewalls</i> ?		Y N NA NA
23.2.3.8	If tyre is Asymmetrical, outer face indicated?		Y
VIN	Certificate N°	Signature	

ADR 25/02 - ANTI-THEFT LOCK			
CLAUSE No	FEATURE	COMPLIANCE	
	Note: Where a self arming immobiliser is fitted, a steering lock is not required		
	Is an immobiliser fitted?	Y 🗌 N 🗌 NA 🗌	
A.5.9.1	Switch position <i>Engine On</i> to <i>Anti-theft</i> through <i>Engine Off</i> ?	Y 🗌 N 🗌 NA 🗌	
A.6.1,5	Key removal only in the anti-theft position?	Y 🗌 N 🗌 NA 🗌	
A.6.1,A.6.3	With key in <i>anti-theft</i> position, is one of the following impossible? Steer vehicle/Engage forward drive gears/Release a brake? (Circle which is applicable)	Y	
A.6.1.5	Engine Off position to Anti-theft position by more than a single rotary or linear motion of the key, or if key removal activates the Anti-theft device, more than 2mm of movement required to activate?	Y	
	ADR 28/01 – MOTOR VEHICLE NOISE (LEP July 1	992)	
CLAUSE No	FEATURE	COMPLIANCE	
	Is exhaust level less than 94 dB(A)? (Stationary test recorded at 500mm from exhaust outlet).	Y 🗌 N 🗌 NA 🗌	
ADR 29/01 – SIDE INTRUSION BARS			
CLAUSE No	FEATURE	COMPLIANCE	
	If doors are fitted are they equipped with conforming side intrusion bars?	Y 🗌 N 🗌 NA 🗌	

VIN	Certificate N°	Signature
Notes:		

	ADR 31/01 - PASSENGER CAR BRAKES	
	If this vehicle is fitted with separate controls for front and refill in this section of the checklist and go to ADR 33/00.	ar service brakes do not
A 5.1.2.1 A 5.1.2.2 A 5.1.2.3	Braking controls readily accessible to driver and easily operated?	Y N NA NA
A 5.2.2.2	Service brake control separate from park brake?	Y 🗌 N 🗌 NA 🗌
A 5.2.2.5	Secondary brake system provided?	Y N N NA
	(1) Is service brake a split system?	Y N NA
A 5.2.2.7	(2) Combined reservoir for split system?	Y N NA
	(3) If Yes, is there a divider fitted?	Y 🗌 N 🗌 NA 🗌
	Is a Service brake failure Red tell-tale lamp fitted?	Y N N NA
A 5.2.3 A 5.2.8.1 A 5.2.3	(2) For electrical detected failures is a Yellow failure lamp fitted?	Y
A 3.2.3	(3) Is a park brake indicator lamp fitted?	Y 🗌 N 🗌 NA 🗌
	(4) Park brake indicator a separate lamp (S), or a combination unit (C) with service brake failure lamp? (Indicate S or C).	
A 5.2.6	Service brake on all wheels?	Y N N NA
A 5.2.11	Adequate provision made for adjustment of service and park brake system?	Y
A 5.2.11.2	Is it possible to easily check wear of service brake linings?	Y
	If NA, is an acoustic or optical warning device provided?	Y 🗌 N 🗌 NA 🗌
A 5.2.12	For hydraulic braking systems are the filling ports of the fluid reservoirs readily assessable and fluid level easily checked? If NA, is a <i>RED</i> warning signal provided to draw attention to a low fluid level?	Y
A 5.2.13	Is a label identifying the type of fluid (DOT3/DOT /DOT5), and the symbol (For Non-Petroleum base fluid), or (For Petroleum based fluid) fitted within 100mm of fluid ports?	Y
A 6 4.1.1	If ABS fitted is a Yellow warning signal provided?	Y N N NA

VIN	Certificate N°	Signature
Notes:		
NOIES		

	Does the vehicle handle in a satisfactory manner whilst braking?	Y 🗌 N 🗌 NA 🗌
	Does the vehicle meet the necessary braking performance tests?	Y 🗌 N 🗎 NA 🗌
1	ADR 33/00 – BRAKE SYSTEMS FOR MOTORCYCLES AN	D MOPEDS
CLAUSE No	FEATURE	COMPLIANCE
	This ADR applies to LEP vehicles fitted with separate controls for front and rear service brakes.	
33.2.1.1	Split (s) or independent (I) Indicate S or I.	
33.2.1.4	Lining visible either directly or indirectly?	Y N N NA
33.2.1.6	Brake controls readily accessible?	Y N N NA
33.2.1.7	Adequate provision made for adjustment?	Y N NA
33.2.5.1	Separate reservoir compartment for each sub-system?	Y N N NA
33.2.5.3	Labelling satisfactory and located on or near brake fluid reservoir cap?	Y 🗌 N 🗌 NA 🗌
33.2.3.0	If split service brake system, failure indicator lamp: (1) Fitted?	Y 🗌 N 🗌 NA 🗌
33.2.3.2	(2) Activation check satisfactory?	Y N N NA
33.2.3.5	(3) Labelling satisfactory?	Y N N NA
33.2.4	If single brake power unit, an audible device provided?	Y N NA
AD	OR 34/01 - CHILD RESTRAINT ANCHORAGES AND CHILL	O RESTRAINT
CLAUSE No	FEATURE	COMPLIANCE
CLAUSE No	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary.	
CLAUSE No	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary. If exempted, is a copy of the exemption letter or notice attached?	
CLAUSE No	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary. If exempted, is a copy of the exemption letter or notice	COMPLIANCE
34.2.1, 34.3.1	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary. If exempted, is a copy of the exemption letter or notice attached? If yes proceed to ADR 37/00. Child Restraint Anchorages provided for each applicable	COMPLIANCE
34.2.1,	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary. If exempted, is a copy of the exemption letter or notice attached? If yes proceed to ADR 37/00. Child Restraint Anchorages provided for each applicable rear seating position? Note positions provided with CRAs (Circle where	Y N
34.2.1, 34.3.1	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary. If exempted, is a copy of the exemption letter or notice attached? If yes proceed to ADR 37/00. Child Restraint Anchorages provided for each applicable rear seating position? Note positions provided with CRAs (Circle where applicable)	Y N
34.2.1, 34.3.1 34.3.2	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary. If exempted, is a copy of the exemption letter or notice attached? If yes proceed to ADR 37/00. Child Restraint Anchorages provided for each applicable rear seating position? Note positions provided with CRAs (Circle where applicable) 2 nd Row L C R 3 rd Row L C R	Y N N NA
34.2.1, 34.3.1	Note: The fitment of child restraint anchorages to most LEP vehicles would be impractical and an exemption from their fitment would be necessary. If exempted, is a copy of the exemption letter or notice attached? If yes proceed to ADR 37/00. Child Restraint Anchorages provided for each applicable rear seating position? Note positions provided with CRAs (Circle where applicable) 2 nd Row L C R	Y N N NA

9.1.2/3/4	Certificate N°	
9.1.2/3/4		
0.19/2//	Properly insulated, located and protected from cha	afing? Y N NA
	Supported at not more than 600mm intervals?	
9.1.1	ELECTRICAL WIRING	Y \square N \square NA \square
<i>1</i> .∠. l	If YES: Starter inoperative in forward or reverse?	Y N NA
7.2 7.2.1	Fitted with automatic transmission?	Y [N [NA [
	AUTOMATIC TRANSMISSION	
7.1.2	Are components essential to steering designed to transmit energy by mechanical means only?	Y
7.1.1	Steering wheel located centrally or to the right?	Y [N [NA [
711	STEERING SYSTEM	
6.	Is device fitted to prevent inadvertent starting of e	engine?
	provided? DIESEL ENGINES	
5.	BONNET LATCHING If bonnet front opening, is a second latching position of the provided?	ion Y 🗌 N 🗌 NA 🗀
CLAUSE No	FEATURE	COMPLIANCE
	ADR 42/04 - GENERAL SAFETY REQU	
	Does engine fitted comply with IM240 test?	
	are required to meet this rule.	Y N NA
CLAUSE No	FEATURE Note: Engines sourced from M and N category ve	COMPLIANCE
	ADR 37/00 – EMISSION CONTROL FOR LIG	
34.4.1.3	Access provided without the removal of items, excellence of closure plugs?	cept for Y N NA NA
34.2.2	Location information and instructions for use prov	
34.2.1.1.2 34.6,	Clearance provided around each Fitting to allow la and unlatching of Attaching Clip?	atching Y N N NA
34.5.2	Is anchorage located within the shaded area in Figure 1. The ADR?	Y N NA
34.2.1.2.2	For positions where <i>Anchor Fitting</i> are not provide a non-standard bolt is required, is the bolt and appropriate spacer provided in the glove box?	Y N NA
34.2.1.1.2	For positions where <i>Anchor Fitting</i> is not provided anchorage have 5/16 UNC thread?	Y [] N [] NA [
34.2.1	centre rear position, unless centre lap sash belt fi If not fitted in centre position note where fitted.	Y N NA
	Child Restraint Anchor Fitting installed in at least	

1/ I IN I	Certificate N° Signa	ture
VIN	Contitionto NO	41.00
23	DEMISTING OF WINDSCREENS If the vehicle is fitted with a windscreen, is a device fitte to remove condensed moisture from the windscreen?	d Y 🗌 N 🗌 NA 🗌
21	STABILITY REQUIREMENT Has a stability test been conducted and witnessed by a Signatory, who has certified the result as being in compliance with Clause 21?	Y
20	WARNING DEVICE AUDIBLE Fitted with at least one horn with constant amplitude and frequency characteristics?	d Y 🗌 N 🗎 NA 🗍
16	REVERSE GEAR Is the vehicle capable of being so operated by the drive from the normal seating position that it may be propelled both forwards or backwards?	
15.	BRAKE TUBING AND BRAKE HOSES All brake hoses and tubing fitted to prevent chafing, kinking or other mechanical damage? If marked, provide details from 1 hose.	Y
14.3.	Unless bodywork provides required protection, do front wheel guards extend over rear quarter of wheel?	Y
	Do rear wheel guards cover the wheel from a point vertically above the foremost part of the wheel to an arc rearwards up to a line through the centre at or less than 45 degree to horizontal?	
14.3	WHEEL GUARDS (MUDGUARDS) Are wheels fitted with guards, or permanent structure, that cover at least the Section Width of the tyre, and designed so as to protect other road users against thrown-up stones, mud, ice, snow and water?	Y
11.1.4	Bumper bar ends turned back?	Y
11.1.3	EXTERNAL OR INTERNAL PROTRUSIONS Devoid of hazardous external or internal projections or sharp or pointed fittings?	Y N NA NA
10.1.3	If the exhaust discharges to the rear of the vehicle, is it between 10 deg above and 45 deg below horizontal?	Y
10.2.1	If exhaust discharges to the side of vehicle is it to the right side and downwards between 15 deg and 45 deg the horizontal?	to Y N NA NA
	(2) Exhaust outlet within vehicle perimeter in plan?	Y 🗌 N 🗌 NA 🗍
10.1.1	EXHAUST OUTLETS (1) Exhaust pipe extends at least 40mm beyond rearmounsealed joint of floor-pan?	ost Y N N NA

	WINDSCREEN WIPERS AND WASHERS	
24	If the vehicle is fitted with a windscreen:-	
	(1) le a power driven windscreen wining evetem fitte	d2 Y L N L NA L
	(1) Is a power driven windscreen wiping system fitte (2) Is a windscreen washing system, which directs w	vater — — —
	onto the swept area fitted?	Y L N L NA L
	(3) Is the device/s for operating the wipers and wash within easy reach of the driver?	ners Y N N NA
	TYRE AND RIM SELECTION	
	Is a tyre placard fitted?	Y N N NA
	Does the placard contains the following information:	
25	Manufacturers recommended tyre size?	Y N NA
20	(2) Recommended cold inflation pressures in kPa?	Y N NA
	(3) Recommended load rating and speed category?	Y 🗌 N 🗎 NA 🗌
	Maximum load rating and speed category of tyre fitte equal to or greater than that on the placard?	ed Y N N NA N
	ADR 44/02 - SPECIFIC PURPOSE VEHICLE RE	QUIREMENTS
CLAUSE No	FEATURE	COMPLIANCE
	LP Gas FUELLED VEHICLES	
	Vehicle clearly and permanently marked in a conspicuous position within the engine compartmen the following information?	t with Y N N NA
	(1) Installed as per AS/NZS 1425?	Y 🗌 N 🗌 NA 🗌
44.6.3	(2) Identification of the installer? (If not the same as manufacture, note details)	
44.6.3.1		
44.6.3.2 44.6.3.3 44.6.4	(3) Date of installation?	Y 🗌 N 🗎 NA 🗌
11.0.1	Are labels to be affixed to registration plates and sup-	polied
	for inspection, at least 25mm square and red in colo	
ADR 45/	01 – LIGHTING AND LIGHT SIGNALLING DEVICES REGULATIONS	S NOT COVERED BY ECE
3/051	10.466	
VIN	Certificate N° Signature	gnature
Notes:		

CLAUSE No	FEATURE	COMPLIANCE					
	Refer ADR 19 or 67						
ADR 46/00 – HEADLAMPS							
CLAUSE No	FEATURE COMPLIANCE						
	Refer ADR 19 or 67						
	ADR 47/00 – RETRO REFLECTORS						
CLAUSE No	FEATURE	COMPLIANCE					
	Refer ADR 19 or 67						
ADR 4	48/00 – DEVICES FOR ILLUMINATION OF REAR REGIST	RATION PLATES					
CLAUSE No	FEATURE	COMPLIANCE					
	Refer ADR 13 Clause A.6.8.2						
ADR 49/00 -	FRONT AND REAR POSITION SIDE LAMPS, STOP LAM MARKER LAMPS	PS AND END OUTLINE					
CLAUSE No	FEATURE	COMPLIANCE					
	Refer ADR 19 or 67						
	ADR 51/00 – FILAMENT LAMPS						
CLAUSE No	FEATURE	COMPLIANCE					
	Refer ADR 19 or 67						
	ADR 53/00 – FRONT AND REAR POSITIONED LAMPS, STOP LAMPS, DIRECTION INDICATORS AND REAR REGISTRATION PLATE LAMPS FOR L GROUP VEHICLE						
CLAUSE No	FEATURE	COMPLIANCE					
	Refer ADR 19 or 67						
	VEIGH VOV 19 01 01						

VIN	Certificate N°	Signature
N		
Notes:		

	ADR 55/00 -HEADLAMPS FOR MOTORCYCLES						
CLAUSE No	FEATURE		COMPLIANCE				
	Refer ADR 19 or 67						
ADR 60/00 - CENTRE HIGH MOUNTED STOP LAMPS (Except For Vehicles Certified To ECE R48)							
CLAUSE No	FEATURE		COMPLIANCE				
60.4.1	Is a Central High mounted Stop Lamp fitted?		Y N NA				
60.2.4.3	Does the lamp design provide for easy replacement the globe without the use of special tools?	ent of	Y				
60.4.4.1	Mounted on the vehicles median longitudinal plar	ne?	Y 🗌 N 🗌 NA 🗌				
60.4.4.2	Mounted with no part of the lens lower than the beedge of the rear window by more than 77mm?	ottom	Y 🗌 N 🗌 NA 🗌				
	ADR 61/02 - VEHICLE MARKIN	NG					
CLAUSE No	FEATURE		COMPLIANCE				
	VEHICLE IDENTIFICATION NUMBER (VIN) Is the VIN clearly visible on an integral part of the not easily removed?	Y N NA NA					
	If VIN is directly marked on an integral part of the is the minimum height at least 7mm? If No, what of VIN? Indicate in mm.	Y 🗌 N 🗎 NA 🗌					
			mm				
5.1	If VIN is on a separate plate which in turn is perm affixed to an integral part of the vehicle, is the mir height at least 4mm?	-	Y 🗌 N 🗎 NA 🗍				
7.1	ENGINE NUMBER Can a legible engine number be readily seen whe engine is installed in the vehicle?	en the	Y 🗌 N 🗌 NA 🗌				
9.1.2	Is the engine number permanently stamped, cast engraved or a combination of these on the main component of the engine?	, laser,	Y 🗌 N 🗌 NA 🗌				
9.1.2.1	REGISTRATION PLATES : Are provisions made for the fitment of a rear registration plate with its centre no less than 300mm above the ground? Y N NA						
9.1.1.3	No part of the rear number plate obscured by any part or equipment on the vehicle?						
	ADR 62/01 – MECHANICAL CONNECTIONS BE	TWEEN	VEHICLES				
VIN	Certificate N°	Signature	,				
	· · · · · · · · · · · · · · · · · · ·						

ICV Tricycle Guidelines - Checklist LO5-LEP1

CLAUSE No	FEATURE	COMPLIANCE
	COUPLINGS AND TOWBARS (Optional) (1) If fitted, does the ball of a ball coupling, for use with a trailer of ATM not exceeding 3.5t, have a diameter of 50mm?	Y 🗌 N 🗌 NA 🗌
	(2) Is coupling marked 50 in 5mm high characters?	Y 🗌 N 🗌 NA 🗌
10.1	FOR TOWBARS UP TO 3.5t If fitted, does the Towbar display the following information in letters not less than 2.5mm in height; (1) The Manufacturer's, Supplier's, or Importers Identification.	Y
	(2) Vehicle Make and Model or Towbar Part No.	Y N NA NA
13.1.1	(3) Towing Lug Part No (If different to towbar).	Y 🗌 N 🗌 NA 🗌
	(4) Max Towball down load(kg).	Y N NA
	(5) Rated Towbar capacity(kg).	Y N N NA
	(6) FOR TOWING PURPOSES ONLY.	Y N N NA
13.1.1	Is an additional label fitted in a conspicuous position on the vehicle, and displays the following information? (1) Max. Towball down load (kg).	Y 🗌 N 🗌 NA 🗍
	(2) Rated Towbar Capacity(kg).	Y N NA
	(3) FOR TOWING PURPOSES ONLY.	Y N NA

Certific	cate N°	Signature	

ADR 67/00	– INSTALL	ATION OF		S AND LIGHT ED VEHICLES	SIGNALLING	DEVISE	S ON THR	EE	
	FEATURES								
(1) FEATURE	(2) If <i>E</i> Earmarked	Height (#)		(5) APART	(6) EDGE	(7) G	(8) C	(9) R	
(1) 1 EXTORE	Approval No	(3) MAX	(4) MIN	(#)	(#)	(*)	(*)		
Main beam (*) (Cl 67.4.1)					(*) Dipped beam	Dip		Dip	
Dipped beam (*) (Cl 67.4.2)			1200	(*) 500	400	Main		Main	
Front fog lamp (+) (Cl 67.4.10)		<dip. beam</dip. 	250		400	%f		Main Swiv	
Reversing Lamp (*) (CI 67.4.14)		1200	250			%r			
Direction Indicator Front(Cl 67.4.3)		1200	350	300 ≥ 100 MAIN OR DIP	400	%f		Park	
Direction Indicator Rear (Cl 67.4.3)		1200	350	240	400	%r		Park	
Direction Indicator side (CI 67.4.3) (*)									
Stop lamp (Cl 67.4.4) (*)		1200	350	600/400 67.4.4.3.1.2		%r		RPos Park	
Rr. Regisn. Plate lamp (CL 67.4.5 (*)						%r	%r	%r	
Fr. Position (side) Lamp (Cl 67.4.6) (*)		1500	350	Symmetrical	400	%f		%f	

VIN	Certificate N°	Signature
Notes:		

[1			I	
Rr. position							
(side) Lamp	1500	350	400	400	%r	Reg	Stop
tail lamp)	1000	000	100	100	701	rtog	Оюр
(CI 67.4.7) (*)							
Rear fog lamp	1000	250	≥100 FROM				
(+) (Cl 67.4.11)	1000	250	STOP		%r	%r	
Parking Lamp	4500	050		400	0/		0/ 1
(+) (Cl 67.4.13)	1500	350		400	%		% f
Reflex reflector							
Rear (*)	900	350	400	400	%r		
(CI 67.4.8)							
(Non-triangular)			0 1 1				
Front (+)	900	350	Central	400	fpos		
(CI 67.4.17)			Or 400		-		
Side(+)	000	050			0/		
(CI 67.4.12)	900	350			%		
Conspicuity							
lamps	4000	050	0		0/1	0/4	0/6 :!! -
(*)	1200	250	Symmetrical		%f	%f	%f indic
(CI 67.4.18)							

- G = *Grouped Lamps* means devices having separate illuminating surfaces and separate light sources, but a common lamp body.
- C = Combined means devices having separate illuminating surfaces, but a common light source and common lamp body.
- (*) = Mandatory; (+) = If fitted.
- (#) = HEIGHT To highest (Max) and lowest (Min)points on illuminating surface.

Apart – Distance between innermost edges of illuminating surface.

EDGE – Maximum distance from outer edge of vehicle to illuminating surface.

All dimension in mm.

Column (7) to (9) indicates specific lamps which may be grouped (G), combined (C) or reciprocally incorporated (R).

%f = Permitted with any other frontlamp.

R = Reciprocally Incorporated means devices having separate light sources (or a single light source operating in different ways), but a common or partially common illuminating surface and a common lamp body.

%r =Permitted with any other rear lamp.

% = Permitted with any other lamp.

Dip = Permitted with Dipped Beam.

Main = Permitted with Main Beam.

Fpos = Permitted with Front Position Side lamps.

Park = Not permitted with Park Lamps.

Park = Permitted with Park Lamps.

Stop = Permitted with stop lamps.

Rpos = Permitted with Rear Position Side Lamps.

Reg = Permitted with Rear Registration Plate Lamp.

bdic = Not permitted with Indicator Lamps.

VIN	Certificate N°	Signature
Notes:		

CLAUSE No	FEATURE	COMPLIANCE
67.3	VISIBILITY Are apparent surfaces of all lamps unchatriated by any	V \square N \square NA \square
67.3.1	Are apparent surfaces of all lamps unobstructed by any parts of the vehicle?	Y N NA
67.3	GENERAL SPECIFICATIONS	Y □ N □ NA □
67.3.5	Are all lamps constituting a symmetrical pair?	T IN INA
67.3.9	No red light visible from the front and no white light (except reversing light) visible from the rear of the vehicle?	Y
67.3.10	Can all front and rear position lamps, the rear registration plate lamp, and the passenger car side lamps (if fitted) be only switched on and off together?	Y
67.3.11	Is it not possible to switch on the main-beam, dipped- beam and front and rear fog lamps with out first switching on the lamps referred to in clause 67.3.10?	Y
67.3.13.1	Are no lamps (other than driving, passing or front fog lamps) concealed?	Y 🗌 N 🗌 NA 🗌
67.3.13.2	Is it possible to move a concealed lighting device into the position of use, without the aid of tools, in the event of a defect?	Y
67.4.1	MAIN-BEAM HEADLAMPS Are all main beams switched off when changing over from main beam to dipped beam?	Y
67.4.1.3.1.1	For single dipped beam application with an independent main beam. Is this main beam mounted directly above or below the dipped beam with it geometric centre situated on the longitudinal median of the vehicle?	Y
67.4.1.3.1.2	For two dipped beam applications are the main beam lamps mounted no closer to the outside edge of the vehicle than the outer edge of the dipped beam headlamp?	Y
67.4.1.10	Circuit closed tell-tale colour blue and non-flashing?	Y 🗌 N 🗌 NA 🗌
	DIPPED – BEAM HEADLAMPS	
67.4.2.9.1	Control within easy reach of driver?	Y 📙 N 📙 NA 📙
67.4.2.10	If operational tell-tale fitted, is it green and non-flashing?	Y 🗌 N 🗌 NA 🗍
67.4.2.3.1.1	For single lamp applications, is this lamp mounted with it geometric centre situated on the longitudinal median of the vehicle?	Y
67.4.3.3.1.1	DIRECTION INDICATOR LAMPS LE1 (1) Front indicators at least 300mm apart?	Y 🗌 N 🗌 NA 🗌

VIN	Certificate N°	Signature
Notes:		
Version 2.0 – 1 January 2011		Page 19/LEP1-23

ICV Tricycle Guidelines - Checklist LO5-LEP1

	(2) Front indicators further apart than the outside surfaces of the headlamps?	Y 🗌 N 🗌 NA 🗌
	(3) Front indicator lamps at least 100mm from the headlamps?	Y 🗌 N 🗌 NA 🗌
	(4) Rear indicators not more than 400mm from the extreme outer edge of the vehicle?	Y 🗌 N 🗌 NA 🗌
67.4.3.3.3.2	Front indicators within 1,800mm of the front surface of the vehicle? (2,500mm if necessary to comply with visibility requirements).	Y 🗌 N 🗌 NA 🗌
67.4.3.9	ALL VEHICLES Independent switch and flash in phase?	Y 🗌 N 🗌 NA 🗌
	(1) Is a visible tell-tale fitted?	Y \square N \square NA \square
67.4.3.10	(2)Tell-tale behaviour on turn signal malfunction?	Y L N L NA L
	(A) - Marked frequency change, (B) - Continuously on, or (C) - Continuously off (Indicate A, B, C,)?	
67.4.3.11.1.3	For DC supply indicators flash 60 to 120 times per minute?	Y 🗌 N 🗌 NA 🗍
67.4.3.11.3.1	For AC supply, indicators flash 45-120 times per minute?	
67.4.3.11.1.3	Lights up within 1 second and extinguishes within 1.5 seconds?	Y
67.4.3.11.4	If one lamp fails (other than due to a short-circuit) do other lamps flash when actuated?	Y
	STOP LAMP	Y N N NA N
67.4.4.9	Lighted with any service brake application?	
	If fitted, is tell-tale non-flashing operational type?	Y N NA
67.4.5	REAR REGISTRATION PLATE LAMP	Y 🗌 N 🗌 NA 🗍
	Illuminates the registration plate area? FRONT POSITION LAMPS	
67.4.5	One or two lamps fitted in dipped beam headlamp? Please circle	Y 🗌 N 🗌 NA 🗍
	Not further than 400mm from extreme outer edge of the vehicle?	Y
67.46.0.4.0	Instrument lights as tell-tale?	Y N N NA
67.4.6.3.1.2 67.4.9.3	If NA, is a non-flashing green tell-tale fitted?	Y 🗌 N 🗌 NA 🗍
	REAR POSITION LAMP (RPL) LE1	
67.4.7.1.1	Distance between illuminating surface at least 400mm, and within 400mm from extreme outer edge of the vehicle?	Y 🗌 N 🗌 NA 🗍
VIN	Certificate N° Signatu	re
Notes:		

ICV Tricycle Guidelines - Checklist LO5-LEP1

67.4.7.3.1.1	Instrument light as tell-tale?	Y N NA
67.4.7.10	If NA, is a non-flashing green tell-tale fitted?	Y N N NA
67.4.8.3.1.2	REAR REFLEX REFLECTOR (Non-Triangular) Distance between illuminating surface at least 400mm, and within 400mm from extreme outer edge of the vehicle?	Y 🗌 N 🗌 NA 🗍
	HAZARD WARNING LAMP	V C N C NA C
67.4.8.3.1.1	All direction indicator lamps flash in phase?	Y L N L NA L
67.4.9.1	Independent switch?	Y
67.4.9.2	Flashing tell-tale fitted?	Y
67.4.9.3	Can Hazard Warning be activated with engine ignition in the off position?	Y 🗌 N 🗌 NA 🗌
67.4.9.4.1	FRONT FOG LAMPS (Optional) Lamp centre of reference on the medium longitudinal plane or not more than 250mm from the medium longitudinal plane of the vehicle?	Y
67.4.10.3.1.2	REAR FOG LAMPS (Optional) If only one lamp fitted is mounted either in the median longitudinal plane or to the right?	Y 🗌 N 🗌 NA 🗌
67.4.11.3.1	The illuminating surface of the fog lamp at least 100mm from the illuminating surface of the stop lamp?	N N N N N N N N N N N N N N N N N N N
	(1) Can rear fog lamp operate only when dipped beam or main beam lamps and/or the front fog lamp is on?	Y
67.4.11.3.4	(2) Can rear fog lamp be extinguished independently o the front fog lamps (if fitted)?	f Y N N NA NA
	Independent, non-flashing, circuit closed tell-tale fitted and operational?	Y
	PARKING LAMP (Optional)	
67.4.11.9	If rear oriented only, one or two lamps fitted?	One Two
	If front and rear oriented two or three lamps fitted?	Two Three
67.4.42.0.0	Is illuminating surface not more than 400mm from extreme outer edge of the vehicle?	Y 🗌 N 🗌 NA 🗌
67.4.13.2.2	If only two lamps provided are these provided on the side of the vehicle?	Y 🗌 N 🗌 NA 🗌
67.4.13.9	Switch to permit parking lamps to be lit independently of any other lamps?	of Y N N NA NA
67.4.13.9	Able to operate with the ignition switch in Off position	Y 🗌 N 🗌 NA 🗍
67.4.13.10	If fitted, impossible to confuse tell-tale with that for the front and rear position lamps?	Y
VIN	Certificate N° Signa	ature

4.1	Silencing system components marked with:	
Appendix B	MARKING REQUIREMENTS	
CLAUSE No	FEATURE	COMPLIANCE
	ADR 83/00 – EXTERNAL NOIS	E
67.4.20.4.3.1	Are rear lamps not more than 300mm from the rear the vehicle?	ar of Y N NA NA
67.4.20.4.3.2	forward of a plane through the rearmost point of t driver's seat in the rearmost position?	
67.4.20	SIDE MARKER LAMPS (Optional, mandatory for vehicles >2.1m wide and > 7.5m in length) Front lamps within the front 3 rd of the vehicle, but	
67.4.19.9.2	Only lighted when the headlamp switch is in the oposition?	Y L N L NA L
	Lighted continuously together with the correspond direction indicator?	
67.4.18.9.1	CORNERING LAMPS (Optional)	
67.4.18.9.1	If conspicuity lamps fitted, are they lit every time t engine is run?	he Y N NA NA
	Are they separate lamps or combined with dipped headlamps?	-beam Sep Comb C
67.4.18.11	Are One or Two conspicuity lamps fitted?	One Two
67.4.18.3.1	upwards and 5° downwards? CONSPICUITY LAMPS (Optional)	
	Is the geometric visibility of all reversing lamps fitt	ed 15° Y N N NA
	Is their geometric visibility 45° to the right and left lamp is fitted or 45° outwards and 35° inwards if to lamps are fitted?	
	Do the reversing lamps emit white light and are the located at the rear of the vehicle?	ey Y 🗌 N 🗌 NA 🗍
	Are the reversing lamps are not less than 250mm more than 1200mm above the ground?	nor Y N N NA
	Does the lamp extinguish if the device that contro engine is in such a position that operation of the e is possible and the gear selected is in any gear of than reverse?	engine Y N N
	Note: It is permissible for the reversing lamps to I when reverse gear is engaged and the device that controls the engine is in such a position that operator of the engine is possible.	t
67.4.14.9	REVERSING LAMPS (If reverse gear fitted) Is the lamp always lit when reverse gear engaged	and: Y N NA NA

	Code.	
Note:	There are no critical steering or suspension components that have been chrome plated. f the answer to any question is N (No) , the modification can	Y N N NA NA
	Are welded steering or suspension components accompanied by a satisfactory report from an Engineering Signatory or Metallurgist?*	Y
Additiona	al Safety Requirements	
	Does the vehicle meet the necessary noise emission levels?	Y 🗌 N 🗌
6.1 6.1.1	(1) The manufacturer's name?(2) The value in dB(A) for the stationary noise test?(3) The engine speed in RPM?	Y
Appendix B	Is the following information provided on the motorcycle in an easily accessible (not necessarily immediately visible) location?	
	Markings clearly legible and appears indelible?	Y N NA
4.2	(2) Trade description given by manufacturer?	Y
4.1.2		Y L N L NA L