JADUAL I (SCHEDULE I)

Type Approval Performance Requirements (M – Passenger Vehicle)

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of approval
1	Reflex Reflectors	M1,M2,M3	UN R3.02		
2	Rear Registration Plate Lamp	M1,M2,M3	UN R4.00		
3	Indicator Performance	M1,M2,M3	UN R6.01		
4	Brake lamp performance	M1,M2,M3	UN R7.02		
5	Radio Interference Suppression	M1,M2,M3	UN R10.04		
6	Door Latches and Hinges (M1 only)	M1	UN R11.03		
7	Steering mechanism	M1	UN R12.04		
8	Brake performance	M1 M2,M3	UN R13.11 / R13H.00		
9	Safety Belt Anchorages	M1,M2,M3	MS 75 UN R14.06		
10	Exhaust Emission	M1,M2,M3	Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Pelepasan Daripada Enjin Petrol/Diesel) 1996. UN R15 / R24 / R49 / R83 (DOE)		
11	Safety Belt	M1,M2,M3	MS 1175 UN R16.06		
12	Seats	M1,M2,M3	UN R17.07 / R80.02		
13	Protection Against Unauthorised Use	M2,M3 M1	MS 1742 UN R18.03 / R97.01 / R116.00		
14	Front Fog Lamps (If fitted)	M1,M2,M3	UN R19.04		
15	Interior Fittings (M1 only)	M1	UN R21.01		
16	Reversing Lamps	M1,M2,M3	UN R23.00		

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of approval
17	Head Restraint	M1,M2,M3	UN R25.04		
18	External Projection (M1 only)	M1	UN R26.03		
19	Advance warning triangles (if fitted)	M1,M2,M3	UN R27.04		
20	Audible Warning Device	M1,M2,M3	UN R28.00		
21	Tyres	M1,M2,M3	MS 149 MS 224 (Retreaded) UN R30.02 / R54.00 UN R108.00 / R109.00 (Retreaded) FMVSS 109		
22	Prevention of Fire Risks	M1,M2,M3	UN R34.02		
23	Construction of Public Service Vehicles	M2, M3	UN R36.03 / R52.01		
24	Filament Lamps	M1,M2,M3	UN R37.03		
25	Rear Fog Lamps	M1,M2,M3	UN R38.00		
26	Speedometer	M1,M2,M3	UN R39.00		
27	Safety Glass	M1,M2,M3	MS 595 / UN R43.00		
28	Headlamp Cleaners	M1,M2,M3	UN R45.01		
29	Rear View Mirrors	M1,M2,M3	UN R46.02		
30	Installation of Lights	M1,M2,M3	MS ISO 303 UN R48.05 (≥ 2000 lumen) UN R48.03 (< 2000 lumen)		
31	Noise Emission	M1,M2,M3	Peraturan-Peraturan Kualiti Alam Sekeliling (Bunyi Bising Kenderaan Motor) 1987.		
			UN R51 (DOE)		

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of approval
32	Mechanical Coupling (if Fitted)	M1,M2,M3	UN R55.01		
33	Temporary Spare Tyres (if fitted) (M1 only)	M1	UN R64.02		
34	Special warning lamps (if fitted)	M1,M2,M3	UN R65.00		
35	Strength of Super Structure (Large Passenger Vehicle) (M2 & M3 only)	M2,M3	UN R66.02		
36	Parking Lamps (If fitted)	M1,M2,M3	UN R77.00		
37	Steering Equipment	M1,M2,M3	UN R79.01		
38	Measurement of Engine Power	M1,M2,M3	UN R85.00		
39	Daytime Running Light (If fitted)	M1,M2,M3	UN R87.00		
40	Speed Limitation Device (Mandatory for M3)	М3	UN R89.00		
41	Side-marker Lamps (If fitted)	M1,M2,M3	UN R91.00		
42	Protection of the Occupants in the Event of a Frontal Collision (M1 only)	M1	UN R94.02		
43	Protection of the Occupants in the Event of a Lateral Collision (M1 only)	M1	UN R95.03		
44	Gas Discharge Headlamps / Light Source	M1,M2,M3	UN R98.01 / R99.00		
45	Construction of Battery Electric Vehicle	M1,M2,M3	UN R100.00		

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of approval
46	Emission of Carbon Dioxide and Fuel Consumption (EEV and M1 only)	M1	UN R101.01		
47	General construction of buses and coaches	M2,M3	UN R107.06		
48	Headlamps (Asymmetrical)	M1,M2,M3	UN R112.01		
49	LPG and CNG Retrofit System (If fitted)	M1,M2,M3	UN R115.00		
50	Tyres with regard to rolling sound emission	M1,M2,M3	UN R117.02		
51	Cornering Lamp (If fitted)	M1,M2,M3	UN R119.01		
52	Hand Controls, Tell-tales and indications	M1,M2,M3	UN R121.00		
53	Adaptive front- lighting systems (AFS) (If fitted)	M1,M2,M3	UN R123.01		
54	Forward field of vision of drivers	M1	UN R125.01		
55	Partitioning systems	M1	UN R126.00		
56	Light Emitting Diode (LED) light sources (If fitted)	M1,M2,M3	UN R128.00		

SHEDULE II

APPLICATION FOR TYPE APPROVAL OF MOTOR VEHICLE

Reference No :							
Date of submission.							
Part 1	Part 1: General Information						
1.	Applicant's name and address						
2.	Maker :						
	Model Name :						
	Model Code :						
	Model Year :						
3.	Type and configuration body:						
4							
4.	Country of manufacture						
5.	Proposed usage						

Part II. Specifications

	(*)	Pleas MS/E	se state/specify ECE/FMVSS	performance	standard	according	to		
1.	Dime	Dimensions							
	(a)	Over	all length (mm)						
	(b)	Over	all width (mm)						
	(c)	Ove	rall height (mm)						
	(d)	Whe	el base (mm)						
		i.	Between first and	second axles					
		ii.	Between second a	nd third axles					
		iii.	Between third and	fourth axles					
	(e)	Grou	nd clearance (mm)						
		i.	Unladen						
		ii.	Fully laden						
	(f)	Widtl	n Track (mm)						
		i.	Front axles						
		ii.	Rear axles						
	(g)	Body	voverhang (mm)						
		i.	Front end						
		ii.	Rear end						
	(h)		ssis frame overhang chassis-cab model)	(mm)					
		i.	Front end						
		ii.	Rear end						

	(i)	Minim	um turning circles (mm)		
		i.	Kerb to kerb		
		ii.	Body to body		
	(j)	Gravit	ty height (mm)		
2.	Weigl	ht			
	(a)	Kerb \	Weight (kg)		
		i.	Front axles		
		ii.	Rear axles		
	(b)	Numb	per of axles		
	(c)	Axle F	Rating		
		i.	Front axles (kg)		
		ii.	Rear first axles (kg)		
		iii.	Rear second axles (kg)		
	(d)	Desig	n gross vehicle weight (kg)		
3.	Maxin	num sta	able inclination angle		
4.	Seati	Seating capacity (person)			
5.	Drive	Drive: Front wheel/Rear wheel/4 wheel			
6.	Spacing for the display of registration number plate:				
	Front	/ Rear	(Min 280 mm x 200 mm) – vertical		
	Front	/ Rear	(Min 450 mm x 90 mm) – horizontal		

7.	Engin	gine					
	(a) N	Name o	of producer				
	(b) T	ype ar	nd model				
	(c) P	osition	of mounting				
	d)	Туре	of fuel				
	(e)	Engir	ne capacity				
	(f)	Cycle	•				
	(g)	No of	cylinder				
	(h)	Cyline	der arrangement				
	(i)	Bore	X Stroke				
	(j)	Pisto	n Displacement				
	(k)	Valve	arrangement				
	(I)	Comp	pression ratio				
	(m)	Max.	net power (KW @ r.p.m.)				
	(n)	Max.	net torque (kN m @ r.p.m)				
	(o)		of supercharger bocharger				
	(p)	Emis	sion gas control system				
	(q)	Lubri	cating system				
		(i)	Lubricating method				
		(ii)	Type of oil pump				
		(iii)	Type of oil filter				
		(iv)	Capacity of lubricating oil (I)				
		(v)	Type of oil cooler				

	(r)	Cooli	ng system	
		(i)	Cooling method	
		(ii)	Type of radiator	
		(iii)	Capacity of cooling water	
		(iv)	Type of water pump	
		(v)	Type of thermostat	
	(s)	Fuel	Consumption (L/100 km)	
7A.	Elect	ric Mot	or (Hybrid or Electric Only)	
	(a)	Name	e of producer	
	(b)	Type	and model	
	(c)	Positi	ion of mounting	
	(d)	Moto	r Power (Maximum) (KW)	
	(e)	Moto	or Power (Rated) (KW)	
	(f)	Max.	net torque (kN m)	
	(g)	Type	of supercharger or turbocharger	
	(h)	Batte	ery Type	
	(i)	Batte	ery Capacity	
	(h)	Batte	ery Consumption (Wh / 100 km)	
8.	Fuel	system	1	
	(a)	Fuel	tank	
		(i)	Material	
		(ii)	Capacity (litre)	
		(iii)	Position	
	(b)	Fuel	Pump	
		(i)	Туре	

	(ii)	Flow rate				
(c)	Fuel Filter					
	(i)	Type				
	(ii)	Flow rate				
(d)	Fuel	Injection				
	(i)	Туре				
	(ii)	Model				
	(iii)	Method				
(e)	Carb	puretor				
	(i)	Туре				
	(ii)	Diameter of throttle valve (mm)				
	(iii)	Diameter of venture (mm)				
	(iv)	Type of choke valve				
(f)	Air c	leaner				
	(i)	Туре				
	(ii)	Number				
(g)	LPG	/NGV/CNG equipment				
	(i)	Make and Model of LPG/NGV/CNG kit				
	(ii)	Make and model of container				
	(iii)	Capacity of container				
	(iv)	Location of container				
	(iv)	Supplier and authorised installer				
Trans	Transmission system					
(a)	Type of clutch					
(b)	No. of speed					

	(c) (d)		of transmission e convertor pressure	
	(e)	Gear	ratio (to 1)	
		1 st ge	ear	
		2nd g	ear	
		3rd ge	ear	
		4th ge	ear _	
		5th ge	ear	
		6th ge	ear	
		Rever	se gear	
		Differe	ential gear	
		Whee	I hub reduction	
10.	Runni	ng syst	tem	
	(a)	Front	axle type	
	(b)	Rear	axle type	
	(c)	Tyre s	size & brand	
		(i)	Front tyre	
		(ii)	Rear tyre	
		(iii)	Spare tyre	
	(d)	Rim s	pecification	
		(i)	Front wheel (size & material)	
		(ii)	Rear wheel (size & material)	
		(iii)	Spare wheel (size & material)	
	(e)	Option	nal tyre and rim specification	
		(i)	Front wheel	

	(ii)	Rear wheel	
	(iii)	Spare wheel	
(f)	Air pr	essure	
	(i)	Front wheel	
	(ii)	Rear wheel	
	(iii)	Spare wheel	
(g)	Ply ra		
(3)	(i)	Front wheel	
	(ii)	Rear wheel	
	(iii)	Spare wheel	
	(111)	Spare writeer	
(h)	Maxir	num load on tyre	
` '	(i)	Front wheel	
	(ii)	Rear wheel	
	(iii)	Spare wheel	
Suspi		system	
•	ront ax		
(a) 1			
	(i)	Type of suspension	
	(ii)	Type of spring	
	(iii)	Material of spring	
	(iv)	Dimensions of main spring	
	(v)	Number of main spring	
	(vi)	Dimensions of auxiliary spring	
	(vii)	Number of auxiliary spring	

(b)	Rear	axle	
	(i)	Type of suspension	
	(ii)	Type of spring	
	(iii)	Material of spring	
	(iv)	Dimensions of main spring	
	(v)	Number of main spring	
	(vi)	Dimensions of auxiliary spring	
	(vii)	Number of auxiliary spring	
(c)	Туре	of shock absorber	
	(i)	Front wheel	
	(ii)	Rear wheel	
	(iii)	Name of producer	
(d)	Туре	of stabilizer	
	(i)	Front wheel	
	(ii)	Rear wheel	
	(iii)	Name of producer	
Steeri	ing Sys	stem	
(a)	Steer	ing wheel positions (LHS/RHS)	
(b)	Front	wheel alignment	
	(i)	Amount of side slip	
(c)	Boost	ter	
	(i)	Type	
	(ii)	Name of producer	
(d)	Locki	ng device	

		(i)	Туре	
		(ii)	Name of producer	
		(iii)	Mounting position	
13.	Brake	Syste	m	
	(a)	Servi	ce brake	
		(i) Ty	vpe	
			-Front	
			-Rear	
		(ii)	Size of brake	
		(iii)	Control system and No. of braking wheel	
		(iv)	Brake pipes/hoses	
			-Material	
		(v)	Booster	
			-Туре	
			-Magnification	
		(vi)	Braking efficiency	
			-Front	
			-Rear	
		(vii)	Other safety device incorporated (ABS/SLIPS/LSD or others)	
	(b)	Parkii	ng brake	
		(i)	Туре	
		(ii) B	raking efficiency	
			-Front	

	(c)	Auxili	-Rear ary brake (if any)	
		(i)	Туре	
		(ii)	Certification Approval	
	(d)	Emer	gency brake (if any)	
		(i)	Туре	
		(ii)	Certification Approval	
	(e)	Sepa	rate brake (if any)	
		(i)	Туре	
		(ii)	Certification Approval	
14.	Chass	sis fran	ne	
	(a)	Туре		
	(b)	Cross	s section dimension	
	(c)	Туре	of material	
	(d)	Туре	of side protection device	
	(e)	Samp	le of chassis code number	
15.	Body			
	(a)	Туре		
	(d)	Any b	ack protection device	
16.	Equip	ment fo	or passengers	
	(a)	Seat I	pelt anchorage	
		(i)	Туре	
		(ii)	Number	
		(iii)	Certification Approval	

(b)	Seat belt					
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Number				
	(iv)	Certification Approval				
(c)	Head	l restraint				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Number				
	(iv)	Certification Approval				
(d)	Doors	S				
	(i)	Туре				
	(ii)	Number				
	(v)	Certification Approval				
Glass	3					
(a)	Front	windscreen				
	(i)	Name of producer				
	(ii)	Kind/Type of glass				
	(iii)	Thickness				
	(iv)	% of light transmission				
	(v)	Certification Approval				

	(b)	Side v	windows	
		(i)	Name of producer	
		(ii)	Kind/Type of glass	
		(iii)	Thickness	
		(iv)	% of light transmission	
		(v)	Certification Approval	
	(c)	Rear	screen	
		(i)	Name of producer	
		(ii)	Kind/Type of glass	
		(iii)	Thickness	
		(iv)	% of light transmission	
		(v)	Certification Approval	
18.	Noise	prever	ntion device	
	(a)	Silenc	cer	
		(i)	Name of product	
		(ii)	Туре	
		(iii)	Number	
	(b)	Noise	level (dBA)	
		(i)	Stationary (Attached test report and method test)	
		(ii)	Accelerated running (Attached test report and method test)	
		(iii)	Certification Approval	

19.	Exhaust emission control device (Attached test report)							
	(a)	Туре						
	(b)	Position and direction of exhaust pipe opening						
	(c)	HSU level/K Value/Opacimeter Value (free accelerated test)						
	(d)	Certification Approval						
20.	Electrical System							
	(a)	Operating voltage						
	(b)	Type of Ignition system						
	(c)	Type of electric wave noise suppression or prevention device						
	(d)	Spark Plug						
		(i) Type						
		(ii) Gap						
	(e)	sattery capacity (AH)						
	(f)	Charging system						
		(i) Type						
		(ii) Output						
	(g)	Starting system						
		(i) Type						
		(ii) Output						
	(h)	Immobilizer						
		(i) Type						

		(ii)	Certification Approval			
21.	Lightir	ng equi	pment			
	(a)	Head lamps				
		(i)	Name of producer			
		(ii)	Туре			
		(iii)	Numbers, colour, power (watts)			
		(iv)	Automatic or manual low and high adjuster			
		(v)	Certification Approval			
	(b)	Front	fog lamps			
		(i)	Name of producer			
		(ii)	Туре	,		
		(iii)	Numbers, colour, power (watts)			
		(iv)	Certification Approval			
	(c)	Front	turning lamps			
		(i)	Name of producer			
		(ii)	Туре			
		(iii)	Numbers, colour, power (watts)			
		(iv)	Rate of flashing			
		(v)	Certification Approval			
	(d)	Front	side turning lamps			
		(i)	Name of producer			
		(ii)	Туре			
		(iii)	Numbers, colour, power (watts)			
		(iv)	Certification Approval			

(e)	Daytime running lamps					
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
(f)	Rear	reflex reflector				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
(g)	High	mount stop lamps (3rd brake light)				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
(h)	Tail la	ampe				
(11)						
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
(i)	Stop	lamps				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				

(j)	(iv) Certification Approval Rear turning lamps					
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
	(v)	Rate of flashing				
(k)	Hazar	d light (front/rear)				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
	(v)	Rate of flashing				
(l)	Passe	enger compartment lamp				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Number and colour				
	(iv)	Certification Approval				
(m)	Back	-up lamps				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				

(n)	Regis	stration Plate Lamps	
	(i)	Name of producer	
	(ii)	Туре	
	(iii)	Numbers, colour, power (watts)	
	(iv)	Certification Approval	
(o)	Rear	fog lamps	
	(i)	Name of producer	
	(ii)	Туре	
	(iii)	Numbers, colour, power (watts)	
	(iv)	Certification Approval	
(p)	Rear	side marker lamps	
	(i)	Name of producer	
	(ii)	Туре	
	(iii)	Numbers, colour, power (watts)	
	(iv)	Certification Approval	
(q)	Good	ds compartment lamps	
	(i)	Name of producer	
	(ii)	Туре	
	(v)	Numbers, colour, power (watts)	
	(iv)	Certification Approval	
Warr	ning de		
(a)	Honk	3	
	(i)	Name of producer	
	(ii)	Туре	

		(iii)	Level of loudness	
		(iv)	Certification Approval	
23.	Rear	view n	nirror	
	(a)	Left		
		(i)	Туре	
		(ii)	Dimension and radius curvature	
	(b)	Righ	t	
		(i)	Туре	
		(ii)	Dimension and radius curvature	
	(c)	Insid	e	
		(i)	Туре	
		(ii)	Dimension and radius curvature	
		(iii)	One way or two ways adjustment	
24.	Wipe	are		
۷٦.	(a)	Туре		
		Num		
	(b)		fication Approval	
	(c)	Ceru	псацоп Арргочаі	
25.	Mete	rs and	dash board	
	(a)	Spee	edometer	
		(i)	Туре	-
		(ii)	Certification Approval	
	(b)	Tach	ometer	
		(i)	Туре	
		(ii)	Certification Approval	

	(C)	Odol	meter	
		(i)	Type	
		(ii)	Certification Approval	
	(d)	Othe	er meter fitted	
		(i)	Type	
		(ii)	Certification Approval	
26.	Maxi	mum S	Speed (With Speed Limiter – If fitted)	
27.	Othe	r acces	ssories fitted	
	(a)			
	(b)			
	(c)			
	(d)			
	(d) _			

Part III. <u>Declaration</u>

I hereby certify that to the best of my knowledge, the above information are correct and I fully understand that should any of the above information is found to untrue, the application may be rejected or the type approval certificate, if issued, may be cancelled or suspended.

\Box	3	tz	_	
ப	$\boldsymbol{\alpha}$	ιc	7	_

(Signature)

Name:

Position: