JADUAL I (SCHEDULE I)

Type Approval Performance Requirements (N - Commercial Vehicle)

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of Approval
1	Power to weight ratio	N1,N2,N3	Rule of the motor vehicle (C&U) 1959. (Minimum 6hp/t)		
2	Reflex Reflectors	N1,N2,N3	UN R3.02		
3	Rear Registration Plate Lamp	N1,N2,N3	UN R4.00		
4	Indicator Performance	N1,N2,N3	UN R6.01		
5	Brake Lamp Performance	N1,N2,N3	UN R7.02		
6	Radio Interference Suppression	N1,N2,N3	UN R10.04		
7	Door Latches and Hinges (N1 only)	N1	UN R11.03		
8	Steering mechanism	N1	UN R12.04		
9	Brake Performance	N1,N2,N3	UN R13.11 / R13H.00		
10	Safety Belt Anchorages	N1,N2,N3	MS 75 UN R14.06		
11	Exhaust emission (Petrol/LPG/CNG engine)	N1,N2,N3	Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Pelepasan Daripada Enjin Petrol) 1996. UN R15 / R83 (DOE)		
12	Safety Belts	N1,N2,N3	MS1175 UN R16.06		
13	Seats	N1,N2,N3	UN R17.07		

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of Approval
14	Protection Against Unauthorised Use	N2,N3 N1	MS 1742 UN R18.03 / R97.01 / R116.00		
15	Front Fog Lamps (If fitted)	N1,N2,N3	UN R19.04		
16	Reversing Lamps	N1,N2,N3	UN R23.00		
17	Smoke emission (Diesel Engine)	N1,N2,N3	Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Pelepasan Daripada Enjin Disel) 1996. UN R24 / R49 (DOE)		
18	Head Restraint	N1,N2,N3	UN R25.04		
19	Advance Warning Triangles	N1,N2,N3	UN R27.04		
20	Audible Warning Device	N1,N2,N3	UN R28.00		
21	Tyres	N1,N2,N3	MS 1394 MS 224 (Retreaded) UN R30.02 / R54.00 UN R108.00 / R109.00 (Retreaded) FMVSS 119		
22	Prevention of Fire Risks	N1,N2,N3	UN R34.02		
23	Filament Lamps	N1,N2,N3	UN R37.03		
24	Rear Fog Lamps	N1,N2,N3	UN R38.00		
25	Speedometer	N1,N2,N3	UN R39.00		
26	Safety Glass	N1,N2,N3	MS 595 UN R43.00		

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of Approval
27	Headlamp Cleaners	N1,N2,N3	UN R45.01		
28	Rear View Mirrors	N1,N2,N3	UN R46.02		
29	Installation of Lights	N1,N2,N3	MS ISO 303 UN R48.05 (≥ 2000 lumen) UN R48.03 (< 2000 lumen)		
30	Noise Emission	N1,N2,N3	Peraturan-Peraturan Kualiti Alam Sekeliling (Bunyi Bising Kenderaan Motor) 1987. UN R51 (DOE)		
31	Mechanical Coupling (if Fitted)	N1,N2,N3	UN R55.01		
32	Rear Underrun Protection	N2,N3	UN R58.02		
33	External Projection	N1,N2,N3	UN R61.00		
34	Temporary Spare Tyres (If fitted) (N1 only)	N1	UN R64.02		
35	Special warning lamps (if fitted)	N1,N2,N3	UN R65.00		
36	Rear Marking Plates for Slow Moving Vehicles	N1,N2,N3	UN R69.01		
37	Rear Marking Plates for Heavy and Long Vehicles	N3	UN R70.01		
38	Lateral Protection	N2,N3	UN R73.01		
39	Parking Lamps (If fitted)	N1,N2,N3	UN R77.00		

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of Approval
40	Steering Equipment	N1,N2,N3	UN R79.01		
41	Measurement of Engine Power	N1,N2,N3	UN R85.00		
42	Daytime Running Light (If fitted)	N1,N2,N3	UN R87.00		
43	Speed Limitation Device (Mandatory for N2 & N3)	N2,N3	UN R89.00		
44	Side-marker Lamps (If fitted)	N1,N2,N3	UN R91.00		
45	Front Underrun Protection	N2,N3	UN R93.00		
46	Protection of the Occupants in the Event of a Lateral Collision (N1 only)	N1	UN R95.03		
47	Gas-Discharge Headlamps / Light Source	N1,N2,N3	UN R98.01 / R99.00		
48	Battery Electric Vehicles (If any)	N1,N2,N3	UN R100.00		
49	Emission of Carbon Dioxide and Fuel Consumption (EEV and N1 only)	N1	UN R101.01		
50	Vehicles for the carriage of dangerous goods	N1,N2,N3	UN R105.05		
51	Retro-reflective Markings for Heavy and Long Vehicles	N1,N2,N3	MS 828 UN R104.00		

Item No.	Subject	Vehicle Categori	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of Approval
52	Head Lamp Performance (Asymmetrical)	N1,N2,N3	UN R112.01		
53	LPG and CNG Retrofit System (If fitted)	N1,N2,N3	UN R115.00		
54	Tyres with regard to rolling sound emission	N1,N2,N3	UN R117.02		
55	Cornering Lamp (If fitted)	N1,N2,N3	UN R119.01		
56	Hand Controls, Tell- tales and indications	N1,N2,N3	UN R121.00		
57	Adaptive front-lighting systems (AFS) (If fitted)	N1,N2,N3	UN R123.01		
58	Light Emitting Diode (LED) light sources (If fitted)	N1,N2,N3	UN R128.00		

SHEDULE II

APPLICATION FOR TYPE APPROVAL OF MOTOR VEHICLE

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

Part II. Specifications

	(*)	Plea MS/E	se state/specify ECE/FMVSS	performance	standard	according	to
١.	Dime	nsions	3				
	(a)	Over	all length (mm)				
	(b)	Over	all width (mm)				
	(c)	Ove	rall height (mm)				
	(d)	Whe	el base (mm)				
		i.	Between first and s	second axles			
		ii.	Between second a	nd third axles			
		iii.	Between third and	fourth axles			
	(e)	Grou	ind clearance (mm)				
		i.	Unladen				
		ii.	Fully laden				
	(f)	Widt	h Track (mm)				
		i.	Front axles				
		ii.	Rear axles				
	(g)	Body	v overhang (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.	Maxir	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	е		
	(a) N	lame c	of producer	
	(b) T	ype ar	nd model	
	(c) P	osition	of mounting	
	d)	Туре	of fuel	
	(e)	Engin	ne capacity	
	(f)	Cycle		
	(g)	No of	cylinder	
	(h)	Cylind	der arrangement	
	(i)	Bore	X Stroke	
	(j)	Pistor	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)	Emiss	sion gas control system	
	(q)	(q) Lubricating system		
	(i) Lubricating method(ii) Type of oil pump		Lubricating method	
			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)	Туре	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	егу Туре	
	(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		
	(i)	Front wheel	
	(ii)	Rear wheel	
	(iii)	Spare wheel	
4.			
(h)	Maxır	num load on tyre	
	(i)	Front wheel	
	(ii)	Rear wheel	
	(iii)	Spare wheel	
Susp	ension	system	
(a) F	ront ax	de	
	(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)	Boos		
, ,	(i)	Туре	
	(ii)	Name of producer	
(d)		ng device	
(~ <i>)</i>	_55.1		

		(i)	Туре	
		(ii)	Name of producer	
		(iii)	Mounting position	
13.	Brake	Syste	m	
	(a)	Servi	ce brake	
		(i) Ty	уре	
			-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	

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

	(b)	Side v	vindows	
		(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	per	
		(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.	Exhai	ust emiss			
	(a)	Туре	-		
	(b)		and direction ust pipe opening		
	(c)		vel/K Value/Opacimeter Value celerated test)		
	(d)	Certifica	ation Approval		
20.	Electr	rical Syst	em		
	(a)	Operati	ng voltage		
	(b)	Type of	Ignition system		
	(c)		electric wave noise suppression ention device		
	(d)	Spark Plug			
		(i) T	- уре		
		(ii) C	Sap		
	(e)	Battery c	apacity (AH)		
	(f)	Chargin	g system		
		(i) T	- уре		
		(ii) C	Dutput		
	(g)	Starting	system		
		(i) T	- уре		
		(ii) C	Dutput		
	(h)	Immobi	lizer		
		(i) T	уре		

		(ii)	Certification Approval	
21.	Lighti	ng equ	ipment	
	(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 r	mount stop lamps (3rd brake light)				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
(h)	Tail la	imns				
(11)						
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
(i)	Stop I	amps				
	(i)	Name of producer				
	(ii)	Туре				
	(iii)	Numbers, colour, power (watts)				

	(iv)	Certification Approval	
(j)	Rear	turning lamps	
	(i)	Name of producer	
	(ii)	Туре	
	(iii)	Numbers, colour, power (watts)	
	(iv)	Certification Approval	
	(v)	Rate of flashing	
(k)	Haza	rd light (front/rear)	
	(i)	Name of producer	
	(ii)	Туре	
	(iii)	Numbers, colour, power (watts)	
	(iv)	Certification Approval	
	(v)	Rate of flashing	
(I)	Pass	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)	Registration 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	s compartment lamps				
	(i)	Name of producer				
	(ii)	Туре				
	(v)	Numbers, colour, power (watts)				
	(iv)	Certification Approval				
Warning device						
(a)	Honk					
	(i)	Name of producer				
	(ii)	Type				

		(iii)	Level of loudness	
		(iv)	Certification Approval	
23.	Rear	view n	nirror	
	(a)	Left		
		(i)	Туре	
		(ii)	Dimension and radius curvature	
	(b)	Right	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	ers		
21.	(a)	Туре		
	(b)	Num		
	(c)		fication Approval	
	(0)	00.11	neaden / ppreval	
25.	Mete	rs and	dash board	
	(a)	Spee	edometer	
		(i)	Туре	
		(ii)	Certification Approval	
	(b)	Tach	ometer	
		(i)	Туре	
		(ii)	Certification Approval	

	(C)	Odor	neter		
		(i)	Туре		
		(ii)	Certification Approval		
	(d)	Othe	r meter fitted		
		(i)	Туре		
		(ii)	Certification Approval		
26.	Maxir	ximum Speed (With Speed Limiter – If fitted)			
27.	Othe	acces	sories 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	2	
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(Signature)

Name:

Position: