

## JADUAL I (SCHEDULE I)

### Type Approval Performance Requirements (T – Category – Machinery)

Item No.	Subject	Vehicle Category	National Acceptance (Construction & Use Rules 1959)	Actual Compliance (Performance)	Date of Approval
1	Braking System	T	UN R13		
2	Smoke Emission	T	UN R24 or DOE		
3	Safety Glazing Material	T	UN R43		
4	Rear View Mirror	T	UN R46		
5	Installation of Light	T	UN R48 or MS303		
6	Noise Emission	T	UN R51 or DOE		
7	Steering Equipment	T	UN R79		

**SCHEDULE II**

**APPLICATION FOR TYPE APPROVAL OF MOTOR VEHICLE**

Reference No : \_\_\_\_\_

Date 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**

**(\*) Please state/specify performance standard according to MS / UN Regulation / FMVSS**

1. Dimensions

- (a) Overall length (mm) \_\_\_\_\_
- (b) Overall width (mm) \_\_\_\_\_
- (c) Overall height (mm) \_\_\_\_\_
- (d) Wheel base (mm) \_\_\_\_\_
  - i. Between first and second axles \_\_\_\_\_
  - ii. Between second and third axles \_\_\_\_\_
  - iii. Between third and fourth axles \_\_\_\_\_
- (e) Ground clearance (mm)
  - i. Unladen \_\_\_\_\_
  - ii. Fully laden \_\_\_\_\_
- (f) Width Track (mm)
  - i. Front axles \_\_\_\_\_
  - ii. Rear axles \_\_\_\_\_
- (g) Body overhang (mm)
  - i. Front end \_\_\_\_\_
  - ii. Rear end \_\_\_\_\_
- (i) Minimum turning circles (mm)
  - i. Kerb to kerb \_\_\_\_\_
  - ii. Body to body \_\_\_\_\_
- (j) Gravity height (mm) \_\_\_\_\_

2. Weight

(a) Kerb Weight (kg)

i. Front axles \_\_\_\_\_

ii. Rear axles \_\_\_\_\_

(b) Number of axles \_\_\_\_\_

(c) Axle Rating

i. Front axles (kg) \_\_\_\_\_

ii. Rear first axles (kg) \_\_\_\_\_

iii. Rear second axles (kg) \_\_\_\_\_

(d) Design gross vehicle weight (kg) \_\_\_\_\_

3. Seating capacity (person) \_\_\_\_\_

4. Drive: Front wheel/Rear wheel/4 wheel \_\_\_\_\_

5. Spacing for the display of registration plate:

Front / Rear (Min 280 mm x 200 mm) – vertical \_\_\_\_\_

Front / Rear (Min 450 mm x 90 mm) – horizontal \_\_\_\_\_

6. Engine

(a) Name of producer \_\_\_\_\_

(b) Type and model \_\_\_\_\_

(c) Position of mounting \_\_\_\_\_

(d) Type of fuel \_\_\_\_\_

(e) Engine capacity \_\_\_\_\_

(f) Cycle \_\_\_\_\_

(g) No of cylinder \_\_\_\_\_

(h) Cylinder arrangement \_\_\_\_\_

(i) Bore X Stroke \_\_\_\_\_

- (j) Piston Displacement \_\_\_\_\_
- (k) Valve arrangement \_\_\_\_\_
- (l) Compression ratio \_\_\_\_\_
- (m) Max. net power (KW @ r.p.m.) \_\_\_\_\_
- (n) Max. net torque (kN m @ r.p.m) \_\_\_\_\_
- (o) Type of supercharger  
or turbocharger \_\_\_\_\_
- (p) Emission gas control system \_\_\_\_\_
- (q) Lubricating system
  - (i) Lubricating method \_\_\_\_\_
  - (ii) Type of oil pump \_\_\_\_\_
  - (iii) Type of oil filter \_\_\_\_\_
  - (iv) Capacity of lubricating oil (l) \_\_\_\_\_
  - (v) Type of oil cooler \_\_\_\_\_
- (r) Cooling system
  - (i) Cooling method \_\_\_\_\_
  - (ii) Type of radiator \_\_\_\_\_
  - (iii) Capacity of cooling water \_\_\_\_\_
  - (iv) Type of water pump \_\_\_\_\_
  - (v) Type of thermostat \_\_\_\_\_

6A. Electric Motor (Hybrid or Electric Only)

- (a) Name of producer \_\_\_\_\_
- (b) Type and model \_\_\_\_\_
- (c) Position of mounting \_\_\_\_\_
- (d) Motor Power (Maximum) (KW) \_\_\_\_\_
- (e) Motor Power (Rated) (KW) \_\_\_\_\_

- (f) Max. net torque (kN m) \_\_\_\_\_
- (g) Type of supercharger or turbocharger \_\_\_\_\_
- (h) Battery Type \_\_\_\_\_
- (i) Battery Capacity \_\_\_\_\_
- (j) Battery Consumption (Wh / 100 km) \_\_\_\_\_

7. Fuel system

- (a) Fuel tank
  - (i) Material \_\_\_\_\_
  - (ii) Capacity (litre) \_\_\_\_\_
  - (iii) Position \_\_\_\_\_
- (b) 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 \_\_\_\_\_

8. Transmission system

- (a) Type of clutch \_\_\_\_\_
- (b) No. of speed \_\_\_\_\_
- (c) Type of transmission \_\_\_\_\_
- (d) Torque convertor pressure \_\_\_\_\_
- (e) Gear ratio (to 1)
  - 1 st gear \_\_\_\_\_
  - 2nd gear \_\_\_\_\_
  - 3rd gear \_\_\_\_\_

4th gear \_\_\_\_\_  
5th gear \_\_\_\_\_  
6th gear \_\_\_\_\_  
Reverse gear \_\_\_\_\_  
Differential gear \_\_\_\_\_  
Wheel hub reduction \_\_\_\_\_

9. Running system

- (a) Front axle type \_\_\_\_\_
- (b) Rear axle type \_\_\_\_\_
- (c) Tyre size & brand
  - (i) Front tyre \_\_\_\_\_
  - (ii) Rear tyre \_\_\_\_\_
- (d) Rim specification
  - (i) Front wheel (size & material) \_\_\_\_\_
  - (ii) Rear wheel (size & material) \_\_\_\_\_
- (h) Maximum load on tyre
  - (i) Front wheel \_\_\_\_\_
  - (ii) Rear wheel \_\_\_\_\_

10. Steering System

- (a) Steering wheel positions (LHS/RHS/CTR) \_\_\_\_\_
- (c) Booster
  - (i) Type \_\_\_\_\_
  - (ii) Name of producer \_\_\_\_\_

11. Brake System

(a) Service brake

(i) Type

-Front

\_\_\_\_\_

-Rear

\_\_\_\_\_

(iii) Control system and  
No. of braking wheel

\_\_\_\_\_

(vi) Braking efficiency

-Front

\_\_\_\_\_

-Rear

\_\_\_\_\_

(b) Parking brake

(i) Type

\_\_\_\_\_

(c) Auxiliary brake (if any)

(i) Type

\_\_\_\_\_

(ii) Certification Approval

\_\_\_\_\_

12. Chassis

(a) Type

\_\_\_\_\_

(b) Type of material

\_\_\_\_\_

(c) Type of side protection device

\_\_\_\_\_

(d) Sample of chassis code number

\_\_\_\_\_

13. Body

(a) Type

\_\_\_\_\_

(d) Any back protection device

\_\_\_\_\_



14. Glass

(a) Front windscreen

(i) Name of producer \_\_\_\_\_

(ii) Kind/Type of glass \_\_\_\_\_

(iii) Thickness \_\_\_\_\_

(iv) % of light transmission \_\_\_\_\_

(v) Certification Approval \_\_\_\_\_

(b) Side 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 \_\_\_\_\_

15. Noise prevention device

(a) Silencer

(i) Name of product \_\_\_\_\_

(ii) Type \_\_\_\_\_

(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 \_\_\_\_\_

16. Exhaust emission control device (Attached test report)

- (a) Type \_\_\_\_\_
- (b) Position and direction  
of exhaust pipe opening \_\_\_\_\_
- (c) HSU level/K Value/Opacimeter Value  
(free accelerated test) \_\_\_\_\_
- (d) Certification Approval \_\_\_\_\_

17. 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) Battery capacity (AH) \_\_\_\_\_
- (f) Charging system
  - (i) Type \_\_\_\_\_
  - (ii) Output \_\_\_\_\_

(g) Starting system

(i) Type \_\_\_\_\_

(ii) Output \_\_\_\_\_

18. Lighting equipment

(a) Head lamps

(i) Name of producer \_\_\_\_\_

(ii) Type \_\_\_\_\_

(iii) Numbers, colour, power (watts) \_\_\_\_\_

(iv) Automatic or manual  
low and high adjuster \_\_\_\_\_

(v) Light Source Type \_\_\_\_\_

(vi) Certification Approval \_\_\_\_\_

(b) Front fog lamps

(i) Name of producer \_\_\_\_\_

(ii) Type \_\_\_\_\_

(iii) Numbers, colour, power (watts) \_\_\_\_\_

(iv) Certification Approval \_\_\_\_\_

(c) Front turning lamps

(i) Name of producer \_\_\_\_\_

(ii) Type \_\_\_\_\_

(iii) Numbers, colour, power (watts) \_\_\_\_\_

(iv) Rate of flashing \_\_\_\_\_

(v) Certification Approval \_\_\_\_\_

(d) Front side turning lamps

- (i) Name of producer \_\_\_\_\_
- (ii) Type \_\_\_\_\_
- (iii) Numbers, colour, power (watts) \_\_\_\_\_
- (iv) Certification Approval \_\_\_\_\_

(f) Rear reflex reflector

- (i) Name of producer \_\_\_\_\_
- (ii) Type \_\_\_\_\_
- (iii) Numbers, colour \_\_\_\_\_
- (iv) Certification Approval \_\_\_\_\_

(g) High mount stop lamps (3rd brake light)

- (i) Name of producer \_\_\_\_\_
- (ii) Type \_\_\_\_\_
- (iii) Numbers, colour, power (watts) \_\_\_\_\_
- (iv) Certification Approval \_\_\_\_\_

(h) Tail lamps

- (i) Name of producer \_\_\_\_\_
- (ii) Type \_\_\_\_\_
- (iii) Numbers, colour, power (watts) \_\_\_\_\_
- (iv) Certification Approval \_\_\_\_\_

(i) Stop lamps

- (i) Name of producer \_\_\_\_\_
- (ii) Type \_\_\_\_\_
- (iii) Numbers, colour, power (watts) \_\_\_\_\_

- (iv) Certification Approval \_\_\_\_\_
  
- (j) Rear turning lamps
  - (i) Name of producer \_\_\_\_\_
  - (ii) Type \_\_\_\_\_
  - (iii) Numbers, colour, power (watts) \_\_\_\_\_
  - (iv) Certification Approval \_\_\_\_\_
  - (v) Rate of flashing \_\_\_\_\_
  
- (k) Hazard light (front/rear)
  - (i) Name of producer \_\_\_\_\_
  - (ii) Type \_\_\_\_\_
  - (iii) Numbers, colour, power (watts) \_\_\_\_\_
  - (iv) Certification Approval \_\_\_\_\_
  - (v) Rate of flashing \_\_\_\_\_
  
- (n) Registration Plate lamps
  - (i) Name of producer \_\_\_\_\_
  - (ii) Type \_\_\_\_\_
  - (iii) Numbers, colour, power (watts) \_\_\_\_\_
  - (iv) Certification Approval \_\_\_\_\_
  
- (p) Rear side marker lamps
  - (i) Name of producer \_\_\_\_\_
  - (ii) Type \_\_\_\_\_
  - (iii) Numbers, colour, power (watts) \_\_\_\_\_
  - (iv) Certification Approval \_\_\_\_\_

19. Warning device

(a) Horn

(i) Name of producer \_\_\_\_\_

(ii) Type \_\_\_\_\_

(iii) Level of loudness \_\_\_\_\_

(iv) Certification Approval \_\_\_\_\_

20. Rear view mirror

(a) Left

(i) Type \_\_\_\_\_

(ii) Dimension and radius curvature \_\_\_\_\_

(b) Right

(i) Type \_\_\_\_\_

(ii) Dimension and radius curvature \_\_\_\_\_

(c) Inside

(i) Type \_\_\_\_\_

(ii) Dimension and radius curvature \_\_\_\_\_

(iii) One way or two ways adjustment \_\_\_\_\_

21. Other accessories fitted

(a) \_\_\_\_\_

(b) \_\_\_\_\_

(c) \_\_\_\_\_

(d) \_\_\_\_\_

(d) \_\_\_\_\_

**Part III. Declaration**

The following documents shall be submitted:-

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.

Date:

(Signature)

Name:

Position: