

# Appendix 1

- I. Applications for compliance certification shall include the following documents:
  1. Motor vehicle specifications list
  2. Catalog or technical information (on imported vehicles) from the original manufacturer for a representative vehicle of the same model and year.
  3. Description of vehicle external noise control countermeasures.
  4. Manual and schematic diagrams for anti-noise technology installed by original manufacturer (for buses and trucks).
  5. New Representative Vehicle Selection Form for Motor Vehicle Type Configuration.
  6. Vehicle noise testing report for new vehicle model inspection and testing from a central competent authority approved analysis and testing organization.
  7. Photocopy of proof of taxes paid (or proof of tax exemption) for the inspected and tested vehicle, photocopy of bill of lading or other documents as evidence from the country from which the vehicle has been exported (Only imported motor vehicles should be inspected when the central competent authority deems it necessary).
  8. Photographs:
    - (1) For sedans, station wagons, minibuses and small trucks (one copy for each): front-left, rear-left, front-right, rear-right, engine bay, hood, driver's cab (including gear shift), chassis, and muffler.
    - (2) For large trucks (one copy for each): front-left, rear-left, front-right, rear-right, driver's cab (including gear shift), front chassis, rear chassis, overview and lateral view of engine bay, hood, and muffler.
    - (3) For buses (one copy for each): front-left, rear-left, front-right, rear-right, driver's cab (including gear shift), front chassis, rear chassis, inside and four sides of engine bay, hood, and muffler.
    - (4) For motorcycles (one copy for each): front, rear, left, right, engine bay, and muffler.
  9. Labeling attached to the motor vehicle (shall include testing engine speed and original stationary noise testing values).
    - (1) Labeling shall be attached to the motor vehicle by applicant who applies for motor vehicle type configuration compliance certification.
    - (2) Labeling shall be attached to the motor vehicle by each central competent authority commissioned analysis and testing organization for imported overseas in-use motor vehicle.

10. Certification documents provided by the motor vehicle manufacturer:
  - (1) The manufacturer shall submit power of attorney authorizing the domestic designated agent (this letter of attorney shall endow the domestic designated agent with complete power of representation for said motor vehicle manufacturer and who must bear full responsibility as such)
  - (2) The manufacturer or agent shall submit compliance certification renewal statement (not required for applicants of new vehicle model compliance certification); statement of engine's speed limitations (to be submitted by the importers association for gasoline and diesel vehicles under 3.5 tons).
11. Noise improvements and countermeasures as approved by the central competent authority (to be submitted by those not complying with noise control standards after retesting at original analysis and testing organization for motor vehicles that have not been altered or adjusted. The test-retest shall be carried out by the original or any central competent authority commissioned analysis and testing organization).
12. Association registration documentation (for applicants applying or change through an association for the first time).
13. Applicants for motor vehicles that have already been issued compliance certification from European Union countries or UK, and that comply with current European Union or UK noise control standards, in addition to the foregoing required information, may submit the following information to the central competent authority when applying for compliance certification and the renewal thereof:
  - (1) Photocopies of compliance certification documentation issued by the European Union country or UK.
  - (2) Report on motor vehicle noise testing methods currently in effect in the European Union country or UK.
  - (3) An affidavit from the motor vehicle manufacturer stating that the imported motor vehicle of said application is identical with the original overseas vehicle model and configuration and that it has identical noise features.
14. If a designated agent for a motor vehicle manufacturer is applying for compliance certification and the imported vehicle model name on the application is different than the model name under which the overseas certification was granted, the designated agent shall submit the following additional documents to the central competent authority when making said application:
  - (1) Documented letter from the original manufacturer provided by the motor vehicle manufacturer or dealership.

- (2) Relevant explanatory information on the vehicle configuration and external vehicle noise control equipment.
- 15. When applying for continued use of model year, revision of model, or extension of a new model, apart from attaching relevant information in accordance with these regulations (if the information is identical with that on the previous application, the applicant can indicate the central competent authority's on-file information), the applicant must fill out an index of items in each revision, dates, and an abstract of the content of each revision.
- II. When providing representative vehicle(s), manufacturers shall submit documents pursuant to Paragraphs I-1, I-7, I-8, the engine speed limits of Paragraph I-10 and pursuant to Paragraph I-11 to the central competent authority appointed analysis laboratory for checking. After testing has been completed, the analysis and testing organization shall submit said documents along with the testing report to the central competent authority for inspection. Motor vehicles with replacement silencing system which do not apply for noise certificate of vehicle type configuration shall comply with these Regulations.
- III. Forms to complete:

## Gasoline vehicle (electric vehicle and hybrid electric vehicle) specifications

Name of factory				Model year			
Manufacturer name				Transmission system	Transmission mode		
Type					Differential	Type	
						Gear ratio	
Dimension					Gear box type	Gear box	
						Gear box	First gear
Second gear							
Third gear							
Fourth gear							
Fifth gear							
Sixth gear							
Seventh gear							
Eighth gear							
Weight					Rearward gear		
Curb weight			kg				
Gross weight			kg				
Number of passengers			Person(s)	Highest speed			
Engine	Type			Fuel system	Fuel feed method		(type)
	Installation location				Fuel		(Octane Value)
	Cylinder capacity		c.c.		Fuel tank capacity volume		
	Cylinder diameter × stroke		mm	Maximum engine power			kW/rpm
	Cylinder capacity			Maximum engine torque			kg-m/rpm
	Compression ratio			Air pollution control system	Exhaust system		
	Cooling system				E.E.C.		
Turbocharger			P.C.V.				
suspension system		Front					
		Rear					
Tire specifications		Front					
		Rear					
Remarks column	1. Listed dimensions may have discrepancy of ±2%. 2. Weight allowance: vehicle types of categories M1, N1, N2, N3±5%, and M2, M3±10%. 3. The format of this specifications table is for reference only. Manufacturers may make revisions in accordance with actual needs and vehicle characteristics.						

## Motorcycle (hybrid electric motorcycle) specifications

Manufacturer name					Model year					
Type					Transmission	First deceleration fittings				
Sales name						Two-time deceleration fittings				
Dimension	Full length		mm			Gearbox				
	Total width		mm			Gear ratio	First gear			
	Total height		mm				Second gear			
	Wheelbase		mm				Third gear			
Weight	Curb weight		kg				Fourth gear			
	Number of passengers or load		person(s) (kg)				Fifth gear			
	Gross weight		kg				Sixth gear			
Engine	Type				Suspension system	Front				
	Fuel used					Rear				
	Number of cycles (stroke) and cooling method				Tire	Front				
	cylinder	internal diameter		mm			Rear			
		distance		mm		Exhaust emission density	Pollutants matter		%	
		Number of cylinders and permutations					Carbon Monoxide		%	
	Cylinder capacity		c.c.		hydrocarbon		ppm			
	Compression ratio				Exhaust outlet location and direction					
	Maximum engine power		kW/rpm		Highest speed				km/hr	
	Maximum engine torque		kg-m/rpm		Fuel feed method					
	Installation position and mode				Fuel tank capacity volume					
	Starting method									
Remarkscolumn	1. Listed dimensions may have discrepancy of ±2%. 2. Weight allowance: ±10kg. 3. The format of this specifications table is for reference only. Manufacturers may make revisions in accordance with actual needs and vehicle characteristics.									

## Diesel Vehicle (hybrid electric vehicle) specifications

Name of factory				Model year			
Manufacturer name				Transmission system	drive mode		
					Number of axles		<input type="checkbox"/> Front axle <input type="checkbox"/> single <input type="checkbox"/> double Rear axle(s) <input type="checkbox"/> single <input type="checkbox"/> double
Vehicle model			Differential		Type		
Name of vehicle			Afterburning box		Type		
					Gear ratio		
Dimension	Full length		mm		Gear box	Type	
	Total width		mm	Number of gears		<input type="checkbox"/> Forward <input type="checkbox"/> Gear Reverse <input type="checkbox"/> Gear <input type="checkbox"/> With Low/High	
	Total height		mm				
	Wheelbase		mm				
	Wheel distance	front	mm				
		Rear	mm				
Weight	Curb weight		kg	Gear ratio	1	2	
	Gross weight		kg		3	4	
	Main body gross weight				5	6	
Engine	Engine type				7	8	
	Installation location				9	10	
	Cylinder capacity		c.c.		11	12	
	Cylinder diameter × stroke		mm		13	14	
	Number of cylinders				15	16	
	Compression ratio				17	18	
	Cooling mode				Rearward gear		
	Turbocharger		<input type="checkbox"/> Substances <input type="checkbox"/> None	Steep climb gear			
Fuel system		Maximum engine power		kW/rpm			
		Maximum engine torque		kg-m/rpm			
		Highest speed					
Tires		Front tires					
		Rear tires					
Remarks column	1. Listed dimensions may have discrepancy of ±2% 2. Weight allowance: vehicle types of categories M1, N1, N2, N3±5%, and M2, M3±10%. 3. The format of this specifications table is for reference only. Manufacturers may make revisions in accordance with actual needs and vehicle characteristics.						

**Full name of company**  
**Description of vehicle exterior noise control countermeasures**

**Name of model:**

Exterior noise control countermeasures				
Position	Fittings (product name)	Materials	Thickness	Remarks
(1)				
(2)				
(3)				
(4)				
(5)				

Diagram

**Explanation:**

1. Please provide explanations of noise control structures and their relative locations on the actual model for which a compliance verification application has been made, along with exhaust pipe location diagram or photo.
2. The materials, thicknesses, and dimensions of parts comprising noise control countermeasures must be provided, and original manufacturer location drawing numbers, part numbers, model numbers, or other means of identification must be provided by mufflers.
3. In the case of noise control countermeasures connected with the body construction of trucks, large buses, and special vehicles, schematic diagrams or photographs may be used to display and explain the

materials, thicknesses, and sizes of parts.

## 1<sup>st</sup>– 5<sup>th</sup> Periods Noise Representative Vehicle of Motor Vehicle Type Configuration

Vehicle type configuration code:			Engine type:		Model year:	
Applicant:			Name of manufacturer:			
Brand Name:			Manufacturing territory:		Import territory:	
Vehicle type including vehicle model name						
1	1	Maximum engine horsepower (kW )				
	2	Inspected vehicle weight (kg )				
	3	★Tested overall gear reduction ratio				
	4	Cooling fan drive method				
	5	Number of tires (not including spare tire)				
	6	Tire width				
	7	Number of exhaust pipe outlets				
	8	Air intake type				
2	Name of selected representative vehicle				Vehicle serial number:	Engine number:
	Acceleration noise	Entrance gear position				
		Entrance Speed (km/hr)				
		Selection conditions				
	Stationary noise	Tested engine speed setting (rpm )				
		Selection conditions				
Note:★Not required for automatic transmission vehicles; Calculated on the basis of gear ratio of the gear with maximum acceleration noise value in the case of manual transmission vehicles.						



## 6<sup>th</sup> Period Noise Representative Vehicle of Motor Vehicle Type Configuration for Vehicle Types of Category L

Vehicle type configuration code:			Engine type:		Model year:	
Applicant:			Name of manufacturer:			
Brand Name:			Manufacturing territory:		Import territory:	
Vehicle type including vehicle model name						
1	1	Maximum engine horsepower (kW )				
	2	Inspected vehicle weight (kg )				
	3	Tested overall gear reduction ratio				
	4	Tire width				
2	Name of selected representative vehicle				Vehicle serial number:	Engine number:
	Acceleration noise	Entrance gear position				
		tested Speed (km/hr)				
		Selection conditions				
	Stationary noise	Tested engine speed setting (rpm )				
		Selection conditions				
Note:						

**6<sup>th</sup> Period Noise Representative Vehicle of Motor Vehicle Type  
Configuration for Vehicle Types of Category M1, N1, and M2≤ 3.5 tons  
gross vehicle weight**

Vehicle type configuration code:			Engine type:		Model year:	
Applicant:			Name of manufacturer:			
Brand Name:			Manufacturing territory:		Import territory:	
Vehicle type including vehicle model name						
1	1	Maximum engine horsepower (kW )				
	2	Inspected vehicle weight (kg )				
	3	Tested overall gear reduction ratio				
2	Name of selected representative vehicle				Vehicle serial number:	Engine number:
	Acceleration noise	Entrance gear position				
		Tested vehicle speed(km/hr)				
		Selection conditions				
	Stationary noise	Tested engine speed setting (rpm )				
		Selection conditions				
Note:						

**6<sup>th</sup> Period Noise Representative Vehicle of Motor Vehicle Type  
Configuration for Vehicle Types of Category M2> 3.5 tons gross vehicle  
weight, M3, N2, and N3**

Vehicle type configuration code:			Engine type:		Model year:	
Applicant:			Name of manufacturer:			
Brand Name:			Manufacturing territory:		Import territory:	
Vehicle type including vehicle model name						
1	1	Maximum engine horsepower (kW )				
2	Name of selected representative vehicle				Vehicle serial number:	Engine number:
	Acceleration noise	Exit engine speed (rpm)				
		Exit vehicle speed (rpm)				
		Selection conditions				
	Stationary noise	Tested engine speed setting (rpm )				
		Selection conditions				
Note:						

**() Limited CompanyMotor Vehicle Noise Quality Control Total  
VolumeChart**

Date filled out:    Year    Month    Day

Approval certificate number/ engine family	Vehicle type configuration code	Vehicles	Month											
			1	2	3	4	5	6	7	8	9	10	11	12
		Manufactured or authorized quantity												
		Noise quality control volume												
		Accumulated noise quality control volume												
		Manufactured or authorized quantity												
		Noise quality control volume												
		Accumulated noise quality control volume												
		Manufactured or authorized quantity												
		Noise quality control volume												
		Accumulated noise quality control volume												

Agent:

**() Limited Company MonthMotor Vehicle Noise Control Testing  
StatisticalResults Chart**

Date filled out: Year MonthDayNoise unit: dB(A)

Approvalcertifi catenumber/eng inefamily	Vehicle typeconf igurationcode	Date of test	Name ofmotorvehicle model	Enginenumber	Stationarytest value	Accelerationtest value	Decision

Agent: