

# 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 be 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				Gear box	Differential	Type				
					Gear ratio					
Dimension				Gear box	Gear box type					
					Full length		mm	First gear		
					Total width		mm	Second gear		
					Total height		mm	Third gear		
					Wheelbase		mm	Fourth gear		
					Wheel distance	front		mm	Fifth gear	
						Rear		mm	Sixth gear	
Weight				Seventh gear						
Curb weight				Eighth gear						
Gross weight				Rearward gear						
Number of passengers			Person(s)	Highest speed						
Engine		Type		Fuel system						
				Fuel feed method		(type)				
				Fuel		(Octane Value)				
		Installation location			Fuel tank capacity volume					
		Cylinder capacity			c.c.	Maximum engine power				
		Cylinder diameter × stroke			mm	Maximum engine torque				
		Cylinder capacity				kW/rpm				
Compression ratio				kg-m/rpm						
Cooling system			Air pollution control system	Exhaust system						
Turbocharger				E.E.C.						
				P.C.V.						
suspension system		Front								
		Rear								
Tire specifications		Front								
		Rear								
Remarks column	<ol style="list-style-type: none"> <li>1. Listed dimensions may have discrepancy of ±2%.</li> <li>2. Weight allowance: vehicle types of categories M1, N1, N2, N3±5%, and M2, M3±10%.</li> <li>3. The format of this specifications table is for reference only. Manufacturers may make revisions in accordance with actual needs and vehicle characteristics.</li> </ol>									

## Motorcycle (hybrid electric motorcycle) specifications

Manufacturer name		Model year			
<b>Type</b>		<b>Transmission</b>	<b>First deceleration fittings</b>		
<b>Sales name</b>			<b>Two-time deceleration fittings</b>		
<b>Dimension</b>	<b>Full length</b>		mm	<b>Gearbox</b>	
	<b>Total width</b>		mm	<b>Gear ratio</b>	
	<b>Total height</b>		mm		<b>First gear</b>
	<b>Wheelbase</b>		mm		<b>Second gear</b>
<b>Weight</b>	<b>Curb weight</b>		kg		<b>Third gear</b>
	<b>Number of passengers or load</b>		person(s) (kg)		<b>Fourth gear</b>
	<b>Gross weight</b>		kg		<b>Fifth gear</b>
<b>Engine</b>	<b>Type</b>		<b>Suspension system</b>		
	<b>Fuel used</b>			<b>Front</b>	
	<b>Number of cycles (stroke) and cooling method</b>		<b>Tire</b>	<b>Rear</b>	
	<b>cylinder</b>	<b>internal diameter</b>		mm	<b>Front</b>
		<b>distance</b>	mm	<b>Rear</b>	
		<b>Number of cylinders and permutations</b>		<b>Pollutants matter</b>	
	<b>Cylinder capacity</b>		c.c.	<b>Carbon Monoxide</b>	
	<b>Compression ratio</b>			<b>hydrocarbon</b>	
	<b>Maximum engine power</b>		kW/rpm	<b>Exhaust outlet location and direction</b>	
	<b>Maximum engine torque</b>		kg-m/rpm	<b>Exhaust emission density</b>	
	<b>Installation position and mode</b>			<b>Highest speed</b>	
	<b>Starting method</b>			<b>Fuel feed method</b>	
				<b>Fuel tank capacity volume</b>	
<b>Remarkscolumn</b>	<ol style="list-style-type: none"> <li>1. Listed dimensions may have discrepancy of <math>\pm 2\%</math>.</li> <li>2. Weight allowance: <math>\pm 10\text{kg}</math>.</li> <li>3. The format of this specifications table is for reference only. Manufacturers may make revisions in accordance with actual needs and vehicle characteristics.</li> </ol>				

## Diesel Vehicle (hybrid electric vehicle) specifications

Name of factory			Model year			drive mode																																									
Manufacturer name			Transmission system			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																																								
	Total width				mm																																										
	Total height				mm																																										
	Wheelbase				mm																																										
	Wheel distance	front				mm																																									
		Rear				mm																																									
Weight	Curb weight				kg		Gear ratio <input type="checkbox"/> Forward <input type="checkbox"/> Gear Reverse <input type="checkbox"/> Gear <input type="checkbox"/> With Low/High <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>1</td><td></td><td>2</td><td></td></tr> <tr><td>3</td><td></td><td>4</td><td></td></tr> <tr><td>5</td><td></td><td>6</td><td></td></tr> <tr><td>7</td><td></td><td>8</td><td></td></tr> <tr><td>9</td><td></td><td>10</td><td></td></tr> <tr><td>11</td><td></td><td>12</td><td></td></tr> <tr><td>13</td><td></td><td>14</td><td></td></tr> <tr><td>15</td><td></td><td>16</td><td></td></tr> <tr><td>17</td><td></td><td>18</td><td></td></tr> </table>					1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18	
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15		16																																													
17		18																																													
Gross weight				kg																																											
Main body gross weight																																															
Engine	Engine type																																														
	Installation location																																														
	Cylinder capacity				c.c.																																										
	Cylinder diameter × stroke				mm																																										
	Number of cylinders																																														
	Compression ratio																																														
	Cooling mode																																														
	Turbocharger		<input type="checkbox"/> Substances <input type="checkbox"/> None																																												
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 Company Motor Vehicle Noise Quality Control Total  
Volume Chart**

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 Month Motor Vehicle Noise Control Testing  
Statistical Results Chart**

Date filled out: Year Month Day Noise unit: dB(A)

Approval certificate number/engine family	Vehicle type configuration code	Date of test	Name of motor vehicle model	Engine number	Stationary test value	Acceleration test value	Decision

Agent: