# 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 stationarynoise 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 eachcentral 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 attorneyauthorizing the domestic designated agent (this letter of attorney shall endow the domestic designated agent with complete power of representation for said motor vehicle manufacturer andwho must bear full responsibility as such)
  - (2) The manufacturer or agent shall submitcompliance certification renewal statement (notrequired for applicants of new vehicle model compliance certification); statement of engine'sspeed limitations (to be submitted by the importers association for gasoline and diesel vehiclesunder 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 standardsafter retesting atoriginal analysis and testing organization for motor vehicles that havenotbe 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 firsttime).
- 13. Applicants for motor vehicles that have already been issued compliance certification fromEuropean Union countries and that comply with current European Union noise control standards, in addition to the foregoing required information, may submit the following information to thecentral competent authority when applying for compliance certification and the renewal thereof:
  - (1) Photocopies of compliance certification documentation issued by the European Unioncountry.
  - (2) Report on motor vehicle noise testing methods currently in effect in the European Unioncountry.
  - (3) An affidavit from the motor vehicle manufacturer stating that the imported motor vehicle ofsaid application is identical with the original overseas vehicle model and configuration andthat it has identical noise features.
- 14. If a designated agent for a motor vehicle manufacturer is applying for compliance certification andthe 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 vehiclemanufacturer or dealership.

- (2) Relevant explanatory information on the vehicle configuration and external vehicle noisecontrol 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 informationis identical with that on the previous application, the applicant can indicate the central competentauthority'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 toParagraphs I-1, I-7, I-8, the engine speed limits of Paragraph I-10 and pursuant to Paragraph I-11 tothe central competent authority appointed analysis laboratory for checking. After testing has beencompleted, the analysis and testing organization shall submit said documents along with the testingreport to the central competent authority for inspection.Motor vehicles with replacement silencing systemwhich do not apply for noise certificate of vehicle type configuration shall comply with these Regulations.
- III. Forms to complete:

Norma of foot				Model year				
Name of fact	ory				Transr	nission 1	node	
Manufacturo	r nama				Difford	ntial	Туре	
Wianuiacture	i name				Differe	iitiai	Gear ratio	
Type					Gear b	ox type		
E-Bloss -th				-		First g	ear	
	Full length		mm	Transmission		Second gear		
	Total width		mm	system		Third	gear	
Dimension	Total height		mm	system	Coor	Fourth	ı gear	
Dimension	Wheelbase		mm	_	box	Fifth g	ear	
	Wheel	front	mm		DUA	Sixth g	gear	
	distance	Rear	mm			Seventh gear		
Weight Curb weight			kg			Eighth gear		
weight	Gross weight		kg			Rearw	ard gear	
Number of pa	assengers		Person(s)	Highest speed				
	Туре				Fuel fe	ed meth	od	(type)
	Installation location			Fuel system	Fuel			(Octane Value)
	Cylinder capa	acity	c.c.		Fuel ta	nk capa	city volume	
Fngine	Cylinder diar	neter × stroke	mm	Maximum engine power			kW/rpm	
Engine	Cylinder capa	acity		Maximum engin	ximum engine torque			kg-m/rpm
	Compression	ratio		Air pollution	Exhaust system		1	
	Cooling syste	m		control	E.E.C.			
	Turbocharge	r		system	P.C.V.			
suspension sy	stem	Front						
Rear								
Tire specifications Front		Front						
R		Rear						
_	1. Listed	dimensions may h	have discrepancy of $\pm 2\%$ .					
Remarks	2. Weight	allowance: vehic	le types of categories M1,	N1, N2, N3±5%, a	ind M2, N	13±10%.		
column	3. The for	mat of this specif	ications table is for referer	nce only. Manufact	urers may	make re	evisions in acco	rdance with actual needs
	and vel	nicle characteristi	cs.					

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

## Motorcycle (hybrid electric motorcycle) specifications

Manufacture	r name			Model year			
Туре	Туре				First de	eceleration fittings	
Sales name					Two-ti	me deceleration fittings	
	Full lengt	h	mm		Gearbo	)X	
Dimension	Total wid	th	mm			First gear	
	Total heig	ght	mm	Transmission		Second gear	
	Wheelbas	e	mm		Gear	Third gear	
	Curb wei	ght	kg		ratio	Fourth gear	
Weight	Number o	of passengers or load	person(s) (kg)			Fifth gear	
	Gross weight		kg			Sixth gear	
	Туре			Suspension	Front		
	Fuel used			system	Rear		
	Number of cycles (stroke) and				Front		
	cooling method			Tire	From		
		internal diameter	mm		Rear		
	cylinder	distance	mm	Fyhaust	Pollutants matter Carbon Monoxide		%
Engine	cymuur	Number of cylinders		emission			%
8	~	and permutations		density			
	Cylinder	capacity	c.c.		hydroc	arbon	ppm
	Compress	sion ratio		Exhaust outlet	location a	and direction	
	Maximun	n engine power	kW/rpm	Highest speed			km/hr
	Maximun	n engine torque	kg-m/rpm	Fuel feed metho	od .		
	Installatio	on position and mode		Fuel tank capac	city volun	ne	
Starting method		C . 00/					
<b>D</b>	I. List	ted dimensions may have d	hiscrepancy of $\pm 2\%$ .				
Remarksco	2. We	ight allowance: $\pm 10$ kg.				1 1	
lumn	5. The	vehicle characteristics	ons table is for referen	ce only. Manufact	turers may	y make revisions in accorda	nce with actual needs
	and	venicle characteristics.					

## Diesel Vehicle (hybrid electric vehicle) specifications

N C. C				Model year						
Name of facto	bry				drive mode					
Manufacture	r name				Number of axle	es	□Fron □doul □sing	nt axle ⊏ ble Rear le ⊏	single axle(s doubl	s) e
					Differential	Туре				
Vehicle mode	1				Differentiai	Gear ratio				
v chiere moue	1				Afterburning	Туре				
Name of vehicle			_	box	Gear ratio					
	Full length		mm	Transmission		Туре				
Dimonsion	Total width		mm	system		Number of gears	□Forward □Gear Reverse □Gear			
Dimension	Total height		mm		Coorbox		□Wit	h Low/F	ligh	
	Wheelbase		mm		Gear Dox		1		2	
	Wheel	front	mm				3		4	
	distance	Rear	mm				5		6	
	Curb weight		kg				7		8	
Weight	Gross weight		kg				9		10	
	Main body gross weight				Gear ratio		11		12	
	Engine type						13		14	
	Installation lo	cation					15		16	
	Cylinder capa	eity	c.c.				17		18	
	Cylinder diam	eter × stroke	mm				Rearv	vard gea	ır	
Engine	Number of cyl	inders					Steep	climb g	gear	
	Compression	atio			Front axle					
	Cooling mode			Suspension	Rear axle(s)					
	Turbocharger		□Substances □None	system	Auxiliary axle(	s)				
	Fuel feed meth	od		Maximum eng	ine power				k	W/rpm
Fuel system Fuel			Maximum engi	ine torque				kg-	m/rpm	
Fuel tank capacity volume			Highest speed							
Tires Front tires		Front tires								
11103		Rear tires								
Remarks column	1. Listed dimensions may   emarks 2. Weight allowance: vehi   lumn 3. The format of this spec   needs and vehicle chara		have discrepancy of ±2 cle types of categories bifications table is for r cteristics.	!% M1, N1, N2, N3± reference only. M	5%, and M2, M3± anufacturers may	10%. make revision	s in ac	cordanc	e with	actual

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

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 t 3. he 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> PeriodsNoise Representative Vehicle of Motor Vehicle Type Configuration

Vehicle type configuration code:			Engine type:		Mod	Model year:				
Applicant:			Name of mar	nufacturer:	_					
Bra	and N	lame:			Manufacturi	ng territory:	Imp	Import territory:		
Vehicle type including vehicle model name						<b></b>				
	1	Maximu	m engine							
	$\square$	horsepower (kW )						!	ļ!	
	$ _{2}$	Inspected	1 vehicle	i				I		
		weight (k	< <u>(g</u> )	I						
	3	★Tested	loverall	i				<u> </u>		
	لگ	gear redu	iction ratio	<b>└───</b> ┤					ļ!	
1	4	Cooling	fan drive	i				I		
I	<b>⊢</b>	Number	ofting	⊢−−−−†		++			ĮĮ	
	5	(not including spare tire)						I		
	6	Tire width								
	7	Number of exhaust pipe outlets								
	8	Air intak	te type							
	Nan repi	ne of selec resentative	ted vehicle			Vehicle serial		Engine number:		
		· · · · · · ·	Entrance gear	i	<b>I</b>			<u> </u>		
	1		position	ļ						
	Acc	eleration	Entrance Speed	l						
	nois	se	(km/hr)							
2	l	ł	conditions	i						
			Tested engine	1						
	1 ~.	-	speed setting	l						
	Stat	ionary	(rpm )	i						
	nois	je	Selection	1						
	L		conditions	I						
No	te:★!	Not require	ed for automatic trans	mission vehi	cles; Calculate	d on the basis of §	gear rat	tio of the	e gear with	
ma	ximu	m accelera	tion noise value in the	e case of man	ual transmissio	on vehicles.				

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

Ve	Vehicle type configuration code:			Engine type: Model year:					
Ap	Applicant:			Name of manufacturer:					
Bra	and N	lame:		Manufacturi	ng territory:	Imp	Import territory:		
Vehicle type including vehicle model name									
1 Maximum engine horsepower (kW )									
1	1 Inspected vehicle weight (kg )								
3 Tested overall gear reduction ratio									
	4 Tire width						_		
	Nar repi	ne of selec resentative	ted vehicle		Vehicle serial number:		Engin	e number:	
			Entrance gear position						
	Acc nois	celeration se	tested Speed (km/hr)						
2			Selection conditions						
	Tested engine speed setting								
Stationary noise (rpm )									
			Selection conditions						
No	te:								

#### 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	:	Moo	Model year:					
Ар	plica	nt:			Name of manufacturer:						
Bra	Brand Name:				Manufacturi	ng territory:	Imp	Import territory:			
Vehicle type including vehicle model name											
	1 Maximum engine horsepower (kW)										
1	1 2 Inspected vehicle weight (kg )										
3 Tested overall gear reduction ratio											
	Name of selected representative vehicle				Vehicle serial number:		Engine number:				
			Entrance gear position								
	Acc nois	eleration se	Testedvehicle speed(km/hr)								
2			Selection conditions								
	<b>G</b> ( )		Tested engine speed setting								
Stationary noise (rpm )											
Selection conditions											
No	te:										

#### 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

Ve	hicle type confi	guration code:		Engine type:		Mo	Model year:			
Ap	Applicant: Name of manufacturer:									
Bra	Brand Name:			Manufacturi	ng territory:	Imp	Import territory:			
Vel veh	hicle type inclue	ding ie								
1Maximum engine horsepower (kW )										
Name of selected representative vehicle			·		Vehicle serial number:		Engin	e number:		
		Exit engine speed (rpm)								
	Acceleration noise	Exit vehicle speed (rpm)								
2		Selection conditions								
	Stationary	Tested engine speed setting (rpm )								
noise Selection conditions										
No	te:									

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

			D	ate	fillec	<u>1 ou</u>	t:	Yea	r	Mor	nth	Da	ıy	
Approval								Mo	nth					
certificate number/ engine family	Vehicle type configuration code	Vehicles	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

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

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

Agent: