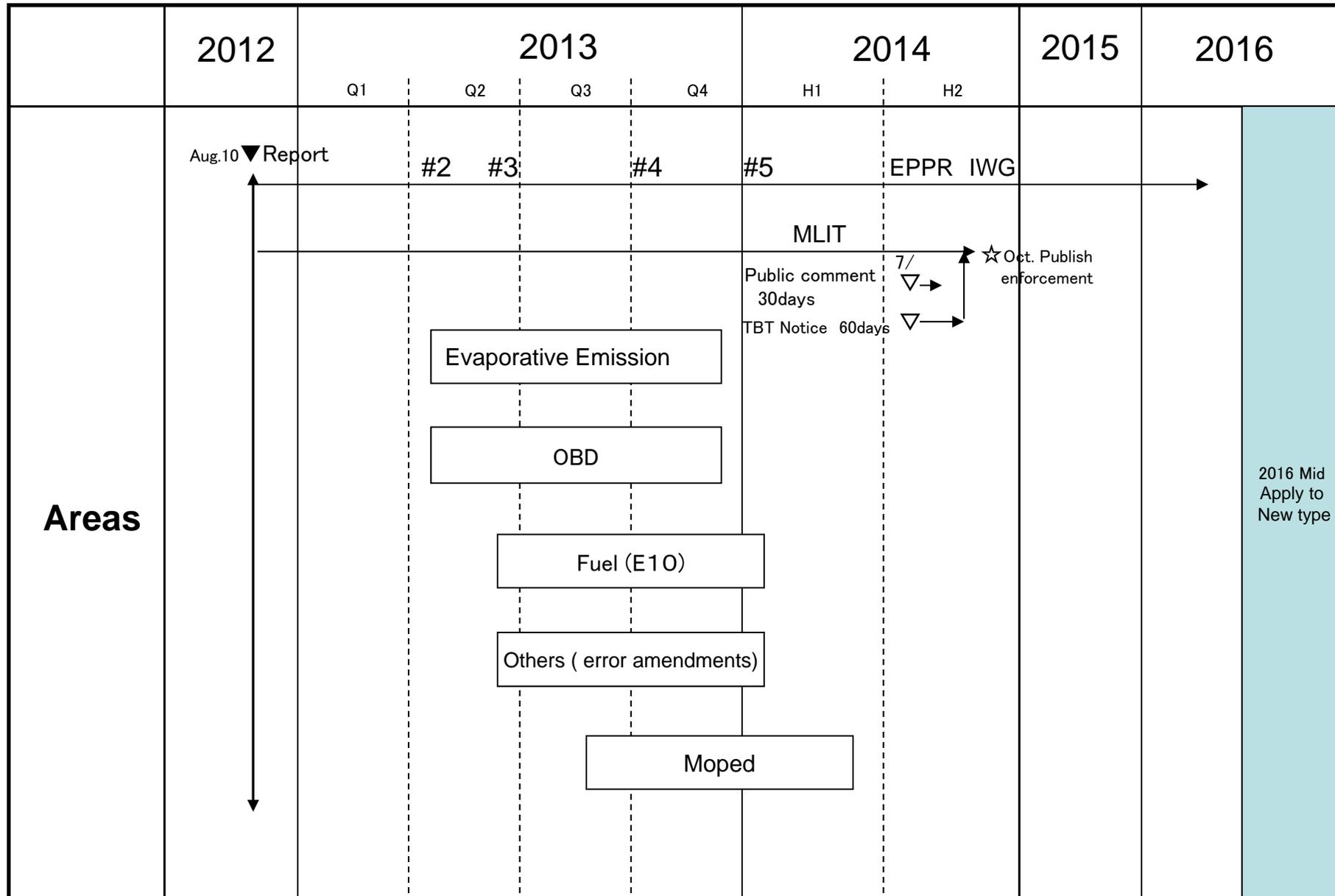


Motor Cycle Definition and Regulation in Japan

Ministry of Land, Infrastructure,
Transport and Tourism
Japan

Test Procedure Development schedule in Japan



※ This schedule may change by conditions

Motor Cycle Category in Japan

Category of Motor Vehicles	Wheels	Engine cap.	Rated output	Dimension
First class motor-driven cycles	2 2+Side car	≤50cc	≤0.60kW	
First class motor-driven cycles = Mini-car	3 or 4 more	≤50cc	≤0.60kW	
Second class Motor Driven cycles	2	>50cc, ≤125cc	≤1.00kW	
Mini-sized Motor cycles	2 2+Side car	>125cc, ≤250cc >50cc, ≤250cc	>1.00kW	Length ≤2.50m Width ≤1.30m Height ≤2.00m
Small-sized Motor cycles	2,2+Side car	>250cc	>1.00kW	Length >2.50m Width >1.30m Height >2.00m
Mini-sized Motor vehicles	3 or 4 more	>50cc, ≤660cc	≤0.60kW	Length ≤3.40m Width ≤1.48m Height ≤2.00m

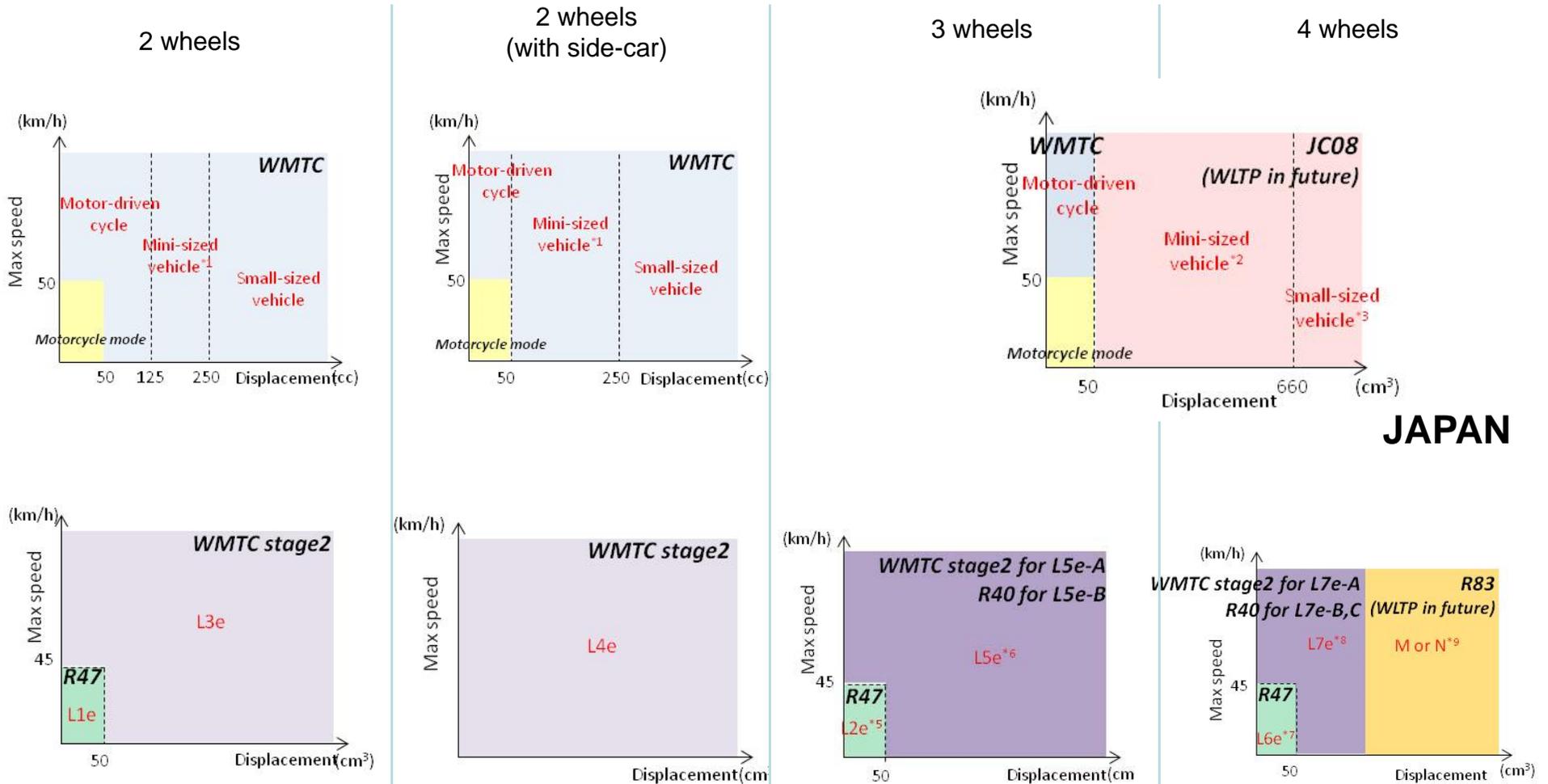
Of motor vehicles and motor-driven cycles, those which satisfy all of the following requirements shall be subjected to the application of the standards for motor cycles or two-wheeled motor-driven cycles:

- (1) Those with three or more wheels;
- (2) Those in which the arrangement of the wheels is symmetric with respect to the longitudinal centre line of the vehicle;
- (3) Those in which the distance between the lines passing through the centers of the ground-contact sections of the outermost wheels on the axle on the same line is less than 460 mm; and
- (4) Those which are constructed to turn with part or all of the wheels and vehicle body inclined.

The term “motor cycle with sidecar” means any motor vehicle which comes under any of the following Items.

- (a) In their straight-ahead condition, motor vehicles having two wheels which are placed on the same straight line and one (including dual wheels) or two (limited only to those provided only at one side of a motor cycle) wheels (hereinafter referred to as the “sidecar wheel”);
- (b) Motor vehicles having a saddle-type seat, a handle-bar type steering system and three wheels, on which the side of the driver’s seat is of open structure.

Definition and tailpipe emission test cycle



*1 : Length \leq 2.50m and Width \leq 1.30m and Height \leq 2.00m
 *2 : Length \leq 3.40m and Width \leq 1.48m and Height \leq 2.00m
 *3 : Length \leq 4.70m and Width \leq 1.70m and Height \leq 2.00m
 *4 : Length \leq 4.00m and Width \leq 2.00m and Height \leq 2.50m for all L category vehicles (L1e:Width \leq 1.00m,L6e-B: Length \leq 3.00m and Width \leq 1.50m, L7e-C: Length \leq 3.70m and Width \leq 1.50m)
 *5 : mass in running order \leq 270kg
 *6 : mass in running order \leq 1,000kg
 *7 : mass in running order \leq 425kg

*8 : mass in running order \leq 450kg(for passenger), 600kg(for cargo)
 *9 : mass in running order > 450kg (for passenger), 600kg(for cargo)

EU(Regulation No.168/2013)^{*4} regarding EURO4