








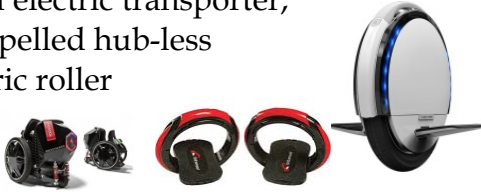


## Attachment 2: Classification and Ability to Regulate Devices under the CVC

Device	Sub-Category	CVC Definition	Devices Types	Can City regulate sidewalk?	Can City regulate on road?	CVC regulations
<b>Bicycle</b>	Bicycle	a device propelled exclusively by human power through a belt, chain, or gears having one or more wheels (§231)	Bicycle, Unicycle, Tricycle, Rowing bike, Recumbent bike, Bike buggy, Conference bike 	Yes (§21100h, §21206)	No, except as noted (§21200 et seq.)	Permitted on road and subject to CVC rules for vehicle drivers. Bicycle must have lights and reflectors during darkness. User operating at less than normal traffic speed must ride close to right-hand edge or within the bike lane. Users under 18 years must wear helmet. City may regulate sidewalk riding and bikes in crosswalks (§21100h, 21650g). City may prohibit or restrict use of expressways and freeways (§21960)
	Electric bicycle	a bicycle equipped with fully operable pedals and an electric motor of less than 750 watts (§312.5)	Class 1: pedal-assist to 20 mph, Class 2: throttle-assist to 20 mph, Class 3: pedal-assist to 28 mph, Bike-car hybrid 	Yes (21200 et seq., 21206)	No (§21200 et seq., §312.5)	Permitted on road and subject to CVC rules for vehicle drivers and bicycles. People under 16 years may not operate a class 3 electric bicycle.
<b>Pedestrian</b>	Afoot	a person who is afoot (§467)	Afoot, wheel-chair, power-driven mobility devices needed because of a mobility disability, stroller	No	No except as noted	City can prohibit jaywalking; and prohibit or restrict use of expressways and freeways (restrictions apply) (§21960, §21961)
	Electric personal assistive mobility device (EPAMD)	a self-balancing, non-tandem 2-wheeled device, up to 20" deep and 25" wide, able to turn in place, designed to transport only one person, electric propulsion system less than 750 watts, with max speed of 12.5 mph (§313, §467)	Two-wheeled self-balancing scooter 	Yes <sup>i</sup> (§21282)	Yes <sup>i</sup> (§21282)	Operational and equipment requirements: EPAMD must have specified lights and reflectors during darkness; user must operate at a speed that is reasonable, prudent, does not endanger safety of people or property, and must yield to pedestrians including people with disabilities (§ 21281, §21281.5).
	Human-powered non-bike device	a person who is using a means of conveyance propelled by human power other than a bicycle (§467)	Human powered scooter, coaster, canine scooter, toy vehicle 	No	No except as noted	City can prohibit jaywalking; and prohibit or restrict use of expressways and freeways (restrictions apply) (§21960, §21961). Human-powered scooter users under 18 years must wear helmet (§21212(a)).
			Roller skates (not defined) 	Yes (§21969)	Yes (§21969)	Users of in-line and roller skates who are under 18 years must wear helmet (§21212(a)).
Skateboard (not defined) 			Yes (§21967)	Yes (§21967)	City can prohibit or restrict riding on sidewalks and roads. Users under 18 years must wear helmet (§21212(a))	

Device	Sub-Category	CVC Definition	Devices Types	Can City regulate sidewalk?	Can City regulate on road?	CVC regulations
<b>Electric and Motorized Board</b>	Electrically motorized board	any wheeled device with a floorboard to be stood upon, not greater than 60" deep and 18" wide, designed to transport only one person, with an electric propulsion less than 1,000 watts, propulsion max speed of 20 mph (§313.5)	Electric skateboard, Electric single wheel skateboard 	Yes <sup>i</sup> (§21967)	Yes <sup>i</sup> (§21967)	City can prohibit or restrict riding on sidewalks and roads. Operational requirements apply: Boards must have specified lights and reflectors during darkness; user must be 16 years or older, must wear a helmet, may not operate at speeds in excess of 15 mph, may only operate on roads with speed limit of 35 mph or less unless entirely within a Class II or IV bikeway, and must operate at a speed that is reasonable, prudent and does not endanger safety of people or property (§21290 et seq.)
	Motorized skateboard		Not defined 	No (§21968)	No (§21968)	Not permitted on sidewalk, bikeways, trails or road (§21968)
<b>Motorized Scooter</b>		Any two-wheeled device with handlebars, a floorboard designed to stood upon, powered by electric motor (§407.5)	Motor-scooter, E-scooter 	No (§21235g)	Yes <sup>i</sup> (§21225)	Prohibited on sidewalks. Operational requirements apply for use on roads and local regulations cannot conflict with CVC: Motorized scooters must have specified lights and reflectors during darkness, user must have a valid driver's license, users under 18 must wear a helmet, may not carry passengers, operating speeds limited to 15 mph, cities may allow operation on roads with a speed limit of 35 mph or less unless within a Class II or IV bikeway (§21220 et seq.). <sup>ii</sup>
<b>Other</b>			Single wheel electric transporter, laterally propelled hub-less skates, electric roller skates 	No	No	

<sup>i</sup> CVC generally defines operational requirements if City allows the use of this device and City's regulations cannot conflict with these operational requirements.

<sup>ii</sup> Includes the provisions of AB 2989, which was signed into law by the Governor on September 19, 2018, and becomes effective on January 1, 2019.