

JAN 17 2020

A BILL FOR AN ACT

RELATING TO TRANSPORTATION.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. Section 286-102, Hawaii Revised Statutes, is
2 amended by amending subsection (b) to read as follows:

3 "(b) A person operating the following category or
4 combination of categories of motor vehicles shall be examined as
5 provided in section 286-108 and duly licensed by the examiner of
6 drivers:

7 (1) Mopeds;

8 (2) Motorcycles, except for autocycles as described in
9 paragraph (2) of the definition of "motorcycle" in
10 section 286-2, and motor scooters;

11 (3) Passenger cars of any gross vehicle weight rating,
12 buses designed to transport fifteen or fewer
13 occupants, trucks and vans having a gross vehicle
14 weight rating of eighteen thousand pounds or less,
15 [and] autocycles as described in paragraph (2) of the
16 definition of "motorcycle" in section 286-2 [7], and
17 electric powered vehicles designed to travel on three



1 wheels in contact with the ground and steered with
2 handlebars if the electric powered vehicles comply
3 with section 286-71; provided that the electric
4 powered vehicles satisfy the following conditions:

5 (A) Propulsion energy is drawn from a battery with at
6 least four kilowatt hours of energy storage that
7 can be recharged from an external source of
8 energy;

9 (B) Seating does not require the operator to straddle
10 or sit astride on it;

11 (C) Each seat is equipped with a seat belt;

12 (D) The vehicle is certified by the manufacturer to
13 comply with all applicable federal motor vehicle
14 safety standards as of the date of manufacture
15 including the federal motor vehicle safety
16 standards for automotive roof crush resistance
17 and the federal motor vehicle safety standards
18 for seat belt assemblies;

19 (E) The vehicle has two wheels in front, each powered
20 by an electric motor, and the distance between
21 the centers of each of the two front wheels,



1 known as the front track width, is at least
2 forty-eight inches;

3 (F) The vehicle has a foot-operated brake that
4 applies braking force to all three wheels;

5 (G) The vehicle has a transmission that requires no
6 shifting by the operator; and

7 (H) If the vehicle is being rented by the driver from
8 a business regularly engaged in renting the
9 vehicle, the business offers the driver
10 instructional training regarding starting,
11 stopping, and the operation of the braking,
12 throttle, and steering controls of the vehicle
13 and there is an electric vehicle charging system
14 as defined in section 291-71 available to the
15 public within one-half mile of the vehicle
16 storage location of the business; and

17 (4) All of the motor vehicles in category (3) and any
18 vehicle that is not a commercial motor vehicle.

19 A school bus or van operator shall be properly licensed to
20 operate the category of vehicles that the operator operates as a
21 school bus or van and shall comply with the standards of the



1 department of transportation as provided by rules adopted
2 pursuant to section 286-181."

3 SECTION 2. Section 286-81, Hawaii Revised Statutes, is
4 amended by amending subsection (c) to read as follows:

5 "(c) A safety helmet shall not be required for any person
6 who operates or rides as a passenger on a motorcycle or motor
7 scooter; provided that the motorcycle or motor scooter:

8 (1) Has three wheels;

9 (2) Is powered by an electric motor;

10 (3) Has a partial or full body enclosed cab; and

11 (4) Has a seat belt assembly or a child restraint system
12 for the driver and passenger;

13 and the operator and passenger uses the seat belt or child
14 restraint system pursuant to sections 291-11.5 and 291-11.6."

15 SECTION 3. Statutory material to be repealed is bracketed
16 and stricken. New statutory material is underscored.

17 SECTION 4. This Act shall take effect upon its approval.

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INTRODUCED BY: *Francis J. Brown*



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S.B. NO. 2104

Report Title:

Transportation; Electric Powered Vehicles; Three Wheels

Description:

Requires that a person operating electric powered vehicles designed to travel on three wheels in contact with the ground, steered with handlebars, and that meets certain conditions has a driver's license.

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