

Expressway Traffic-Related

Rule

B.E. 2555 (2012)

Whereas it is expedient to revise Expressway Traffic-Related Rule to be consistent with the current operation of the Expressway Authority of Thailand.

By virtue of the provision in Section 139 of Land Traffic Act B.E. 2522 (1979) in accompany with Section 42 and Section 43 of Expressway Authority of Thailand Act B.E. 2550 (2007) which is the law with some legislations concerning limitation of rights and liberties of people whereas Section 29 and Section 34 of the Constitution of the Kingdom of Thailand have been enacted to be able to perform by virtue of the positive law. Be Expressway Traffic-Related Rule therefore, enacted by Deputy Governor of Operation Department, the Expressway Authority of Thailand, on behalf of expressway traffic officer under Proclamation of the Ministry of Transport on Appointment of the Officers for Expressway Traffic-Related Function dated 24 September 2010, as follows.

Section 1 This Rule is called “Expressway Traffic-Related Rule B.E. 2555 (2012)”.

Section 2 This Rule shall come into force from the following day after date of its promulgation in the Government Gazette onwards.

Section 3 The following Rules shall be repealed.

- (1) Expressway Traffic-Related Rule B.E. 2524 (1981);
- (2) Expressway Traffic-Related Rule (Amendment No. 2) B.E. 2525 (1982);
- (3) Expressway Traffic-Related Rule (Amendment No. 3) B.E. 2527 (1984);
- (4) Expressway Traffic-Related Rule (Amendment No. 5) B.E. 2548 (2005);
- (5) Expressway Traffic-Related Rule (Amendment No. 6) B.E. 2548 (2005);
- (6) Expressway Traffic-Related Rule (Amendment No. 7) B.E. 2552 (2009);

Section 4. The following conveyances are prohibited to be operated in expressway.

- (1) Bicycle;
- (2) Wheeled Vehicle under Wheeled Vehicle Law;
- (3) Motorcycle;
- (4) Tricycle;
- (5) Tractor and Road Roller under Motor Vehicle Act;
- (6) Driving Training Conveyance or Engine Testing Conveyance;
- (7) Conveyance Used Particularly for Advertising;

(8) Conveyance with height of conveyance or height of loaded articles when measuring from road ground exceeding 4.00 meter or with width of conveyance body including loaded articles exceeding 2.50 meter or with turn radius exceeding 12.00 meter;

(9) Conveyance that loads passenger in the rear pick-up without arrangement of roof for entire cover and secure two-roll seats, possibly causing danger to individual and property;

(10) Conveyance that loads animal or article in the rear pick-up or the rear of conveyance without arrangement of protective to prevent fall, leakage or blowing away of animal or article from conveyance, possibly causing danger to individual or property;

Section 5. Unless the event under Section 6, conveyance with axle load or conveyance with maximum laden weight exceeding the following requirement is prohibited to be operated in expressway.

(1) Single Unit Type Conveyance

(a) Conveyance consisting of 2 Axles, 4 Wheels, 4 Tires, in type that the Second Axle uses Single Tire and has more than 6,800 kilogram of axle load at the Second Axle or more than 8,500 kilogram of maximum laden weight;

(b) Conveyance consisting of 2 Axles, 4 Wheels, 6 Tires, in type that the Second Axle uses Double Tires and has more than 9,100 kilogram of axle load at the Second Axle or more than 12,000 kilogram of maximum laden weight;

(c) Conveyance consisting of 3 Axles, 6 Wheels, 6 Tires, in type that the Second Axle and the Third Axle are Tandem Axles using Single Tire and having more than 6,100 kilogram of axle load at each Axle or more than 12,200 kilogram of axle load at the pair of Rear Axle or more than 15,300 kilogram of maximum laden weight;

(d) Conveyance consisting of 3 Axles, 6 Wheels, 10 Tires, in type that the Second Axle and the Third Axle are Tandem Axles using Double Tires and having more than 8,200 kilogram of axle load per each Axle or more than 16,400 kilogram of axle load at the pair of Rear Axle or more than 21,000 kilogram of maximum laden weight;

(e) Conveyance consisting of 3 Axles, 6 Wheels, 6 Tires, in type that the First Axle and the Second Axle use Single Tire and the Third Axle uses Double Tires, and have more than 6,800 kilogram of axle load at the Third Axle or 10,500 kilogram of maximum laden weight;

(f) Conveyance consisting of 3 Axles, 6 Wheels, 8 Tires, in type that the First Axle and the Second Axle use Single Tire and the Third Axle uses Double Tires, and have more than 9,100 kilogram of axle load at the Third Axle or 14,000 kilogram of maximum laden weight;

(g) Conveyance consisting of 4 Axles, 8 Wheels, 8 Tires, in type that the First Axle and the Second Axle use Single Tire and the Third Axle and the Fourth Axle are Tandem Axles using Single Tire, and having 6,100 kilogram of axle load per Axle at the Third Axle and the Fourth Axle, or having more than 12,200 kilogram of axle load at the pair of Rear Axle or more than 18,800 kilogram of maximum laden weight;

(h) Conveyance consisting of 4 Axles, 8 Wheels, 12 Tires, in type that the First Axle and the Second Axle use Single Tire and in type that the Third Axle and the Fourth Axle are Tandem Axles using Double Tires and having 8,200 kilogram of axle load per Axle at the Third Axle and the Fourth Axle or having more than 16,400 kilogram of axle load at the pair of Rear Axle or more than 25,200 kilogram of maximum laden weight;

(2) Semi-Trailer Type Conveyance

(a) Axle load or maximum laden weight for the body of Tow Truck is more than what is determined for each type of conveyance in (1).

(b) Axle load for the body of Semi-Trailer in type of not more than 2 Axles is as follows.

1. Single Axle Type that uses Single Tire for 2 tires and has more than 6,800 kilogram of axle load.

2. Single Axle Type that uses Double Tires for 4 tires and has more than 9,100 kilogram of axle load.

3. Tandem Axle Type that uses Single Tire for 4 tires and has more than 6,100 kilogram of axle load per Axle or more than 12,200 kilogram of total axle load.

4. Tandem Axle Type that uses Double Tire for 8 tires and has more than 8,200 kilogram of axle load per Axle or more than 16,400 kilogram of total axle load.

5. Tridem Axle Type that uses Double Tires for 12 tires and has more than 6,500 kilogram of axle load per Axle or more than 19,500 kilogram of total axle load and less than 8 meter of distance between King Pin and the center of the First Axle of Semi-Trailer.

(3) Full Trailer Type Conveyance

(a) Axle load or maximum laden weight for the body of Tow Truck exceeds what is determined for each type of conveyance in (2).

(b) Axle load for the body of Semi-Trailer in type of not more than 2 Axles is as follows.

1. Front Axle and Rear Axle are in type of Single Axle that uses Single Tire for 4 tires and has more than 6,800 kilogram of axle load per Axle.

2. Front Axle and Rear Axle are in type of Single Axle that uses Double Tires for 8 tires and has more than 9,100 kilogram of axle load per Axle and less than 4.30 meter of distance between the center of Front Axle and the center of Rear Axle.

Section 6. The conveyance with axle load or conveyance with maximum laden weight that axle load or maximum laden weight is more than the requirement is prohibited to be operated in Kanchanaphisek Expressway (Bang Phli - Suksawat).

(1) Single Unit Type Conveyance

(a) Conveyance consisting of 2 Axles, 4 Wheels, 4 Tires, in type that the Second Axle uses Single Tire and has more than 7,000 kilogram of axle load at the Second Axle or more than 9,500 kilogram of maximum laden weight;

(b) Conveyance consisting of 2 Axles, 4 Wheels, 6 Tires in type that the Second Axle uses Double Tires and has more than 11,000 kilogram of axle load at the Second Axle or more than 15,000 kilogram of maximum laden weight;

(c) Conveyance consisting of 3 Axles, 6 Wheels, 6 Tires in type that the Second Axle and the Third Axle are Tandem Axles using Single Tire and having more than 6,500 kilogram of axle load per Axle or having more than 13,000 kilogram of axle load at the pair of Rear Axle or more than 18,000 kilogram of maximum laden weight;

(d) Conveyance consisting of 3 Axles, 6 Wheels, 10 Tires in type that the Second Axle and the Third Axle are Tandem Axles using Double Tires and having more than 10,000 kilogram of axle load per Axle or having more than 20,000 kilogram of axle load at the pair of Rear Axle or more than 25,000 kilogram of maximum laden weight;

(e) Conveyance consisting of 3 Axles, 6 Wheels, 6 Tires in type that the First Axle and the Second Axle are Front Axles using Single Tire and the Third Axle using Single Tire and having more than 7,000 kilogram of axle load at the Third Axle or more than 18,000 kilogram of maximum laden weight;

(f) Conveyance consisting of 3 Axles, 6 Wheels, 6 Tires in type that the First Axle and the Second Axle are Front Axles using Single Tire and the Third Axle using Single Tire and having more than 11,000 kilogram of axle load at the Third Axle or more than 21,000 kilogram of maximum laden weight;

(g) Conveyance consisting of 3 Axles, 6 Wheels, 8 Tires in type that the Second Axle and the Third Axle are Tandem Axles whereas any Rear Axle uses Single Tire and the other Axle uses Double Tires and has more than 16,500 kilogram of axle load or more than 21,500 kilogram of maximum laden weight;

(h) Conveyance consisting of 4 Axles, 8 Wheels, 8 Tires in type that the First Axle and the Second Axle are Front Axle using Single Tire, and in type that the Third Axle and the Fourth Axle are Tandem Axles using Single Tire and having more than 6,500 kilogram of axle load per Axle or having more than 13,000 kilogram of axle load at the pair of Rear Axle or more than 23,000 kilogram of maximum laden weight;

(i) Conveyance consisting of 4 Axles, 8 Wheels, 12 Tires in type that the First Axle and the Second Axle are Front Axle using Single Tire, and in type that the Third Axle and the Fourth Axle are Tandem Axles using Double Tire and having more than 10,000 kilogram of axle load per Axle or having more than 20,000 kilogram of axle load at the pair of Rear Axle or more than 30,000 kilogram of maximum laden weight;

(2) Semi-Trailer Type Conveyance

(a) Axle load or maximum laden weight for the body of Tow Truck exceeds what is determined for each type of conveyance in (1).

(b) Axle load for the body of Semi-Trailer is as follows.

1. Single Axle Type that uses Single Tire for 2 tires and has more than 7,000 kilogram of axle load.

2. Single Axle Type that uses Double Tires for 4 tires and has more than 11,000 kilogram of axle load.

3. Tandem Axle Type that uses Single Tire for 4 tires and has more than 6,500 kilogram of axle load per each Axle or more than 13,000 kilogram of total axle load.

4. Tandem Axle Type that uses Double Tires for 8 tires and has more than 10,000 kilogram of axle load per each Axle or more than 20,000 kilogram of total axle load.

5. Tridem Axle Type that uses Double Tires for 12 tires and has more than 8,500 kilogram of axle load per Axle or more than 25,500 kilogram of total axle load and less than 8 meter of distance between King Pin and the center of the First Axle of Semi-Trailer.

(3) Full Trailer Type Conveyance

(a) Axle load or maximum laden weight for the body of Tow Truck exceeds what is determined for each type of conveyance in (2).

(b) Axle load for the body of Trailer is as follows:

1. Front Axle and Rear Axle are in type of Single Axle that use Single Tire for 4 Tires and have more than 7,000 kilogram of axle load per Axle.

2. Front Axle and Rear Axle are in type of Single Axle that use Double Tires for 8 Tires and have more than 11,000 kilogram of axel load per Axle and less than 4.30 meter of distance between the center of Front Axle and the center of Rear Axle.

Section 7. Full Trailer-Type Conveyance shall consist of 1 Tow Truck and 1 body of Trailer only and any other conveyance is unable to be trailed.

The driver of Semi-Trailer Type Conveyance or Full Trailer Type Conveyance shall arrange tight fastening of container with the body of conveyance.

Section 8. It is prohibited to stop or park the conveyance in expressway except the area with temporary parking permission sign or in the event of conveyance failure or accidental occurrence.

In the event of conveyance failure or accidental occurrence, the driver shall immediately inform Expressway Control Center for acknowledgement.

Section 9. It is prohibited to turn around or reverse the conveyance in expressway.

Section 10. This Rule shall come into force for vehicle of Expressway Authority of Thailand, vehicle of police officer at the time of function and vehicle permitted from traffic officer in expressway.

Promulgated on the 3rd day of September B.E. 2555 (2012).

Monthien Kulthamrong

Deputy Governor of the Operation Department, the Expressway Authority of Thailand

On behalf of Expressway Traffic Officer