

ROAD TRAFFIC ACT
(CHAPTER 276)

**ROAD TRAFFIC (MOTOR VEHICLES,
AUTHORISATION OF SPECIAL TYPES)
NOTIFICATION**

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ROAD TRAFFIC ACT
(CHAPTER 276, SECTION 5)

ROAD TRAFFIC (MOTOR VEHICLES,
AUTHORISATION OF SPECIAL TYPES)
NOTIFICATION

ARRANGEMENT OF PARAGRAPHS

Paragraph

1. Citation
 2. Definitions
 3. Vehicles for conveyance of abnormal indivisible loads
 4. Engineering plant
 5. Restriction on number of abnormal indivisible loads
 6. Attendants
 7. Notice to Minister
 8. Exemption
- The Schedule

[1st January 1949]

Citation

1. This Notification may be cited as the Road Traffic (Motor Vehicles, Authorisation of Special Types) Notification.

Definitions

2. In this Notification, unless the context otherwise requires —

“abnormal indivisible load” means a load which —

- (a) cannot without undue expense or risk of damage be divided into 2 or more loads for the purpose of conveyance on a road; and
- (b) cannot, owing to its dimensions or weight, be carried by a motor vehicle or trailer complying in all respects with the requirements of the Rules;

“engineering plant” means movable plant or equipment which does not comply in all respects with the requirements of the Rules, and which is either —

- (a) a motor vehicle or trailer specially designed and constructed for use in connection with engineering operations and which is only used on a road in proceeding to and from the site of such operations or when actually engaged in such operations and carrying no load other than its own necessary gear or equipment;
- (b) a trailer (including a tar boiler or road material mixing apparatus but excluding any other trailer used for the carriage of road material or similar burden), used for the purposes of, or a living van used in connection with, the construction, maintenance and repair of roads; or
- (c) a mobile crane which is only used on a road in proceeding from one place to another and not for the purpose of the lifting or transportation of goods or burden otherwise than when actually engaged in engineering operations;

“Rules” means the Road Traffic (Motor Vehicles, Construction and Use) Rules (R 9).

Vehicles for conveyance of abnormal indivisible loads

3. The Minister has authorised the use on roads of motor vehicles and trailers specially designed and constructed, and used only, except as provided in paragraph 6, for, or empty in connection with, the conveyance of abnormal indivisible loads notwithstanding that such vehicles do not comply in all respects with the Rules, subject to the conditions and restrictions contained in paragraphs 5, 6 and 7 and also to the following conditions and restrictions:

- (a) in the case of a motor vehicle all the Rules, other than rules 7, 10, 11, 42, 94 and 95, shall apply;
- (b) in the case of a trailer all the Rules, other than rules 6, 7, 10, 11, 15 (4) and (5), 42, 94 and 96, shall apply;
- (c) every such vehicle shall be a wheeled vehicle;

- (d) the overall width of any such motor vehicle shall not exceed 2.9 metres and the overall width of any such trailer shall not exceed 2.9 metres except where a greater width is necessary for the safe conveyance of the particular loads carried by that trailer;
- (e) every such motor vehicle shall be equipped with pneumatic tyres or tyres of soft or elastic material;
- (f) all wheels of any such trailer shall be fitted with pneumatic tyres or tyres of soft or elastic material;
- (g) every such motor vehicle or trailer with more than 4 wheels, and every such trailer having more than 2 wheels in contact with the ground being part of an articulated vehicle shall be provided with such compensating arrangement as will ensure that all the wheels will remain in contact with the road surface and under the most adverse conditions will not be subjected to abnormal variations of load, except that this requirement shall not apply to any steerable wheel of a motor vehicle if the load on such wheel does not exceed 2½ tonnes; and
- (h) every such vehicle shall be equipped with an efficient braking system the brakes of which act upon not less than half the total number of wheels of the vehicle and such brakes shall at all times while the vehicle is used on a road be maintained in good and efficient working order and shall be properly adjusted.

Engineering plant

4. The Minister has authorised the use on roads of engineering plant notwithstanding that such vehicles do not comply in all respects with the requirements of the Rules, subject to the conditions and restrictions in paragraphs 6 and 7 and also to the following conditions and restrictions:

- (a) every such vehicle shall be so constructed that it is either a wheeled vehicle or a track laying vehicle;
- (b) in the case of a wheeled motor vehicle rules 10, 16, 18 (1), 24, 25, 30, 33, 34, 96, 99, 101, 104, 105, 106, 107, 109, 110, 111, 114 and 115 of the Rules shall apply;

- (c) in the case of a wheeled trailer rules 10, 96, 99, 104, 105 and 109 of the Rules shall apply;
- (d) in the case of a track laying motor vehicle rules 10, 16, 18 (1), 24, 33, 34, 96, 99, 101, 104, 105, 114 and 115 of the Rules shall apply;
- (e) in the case of a track laying trailer rules 10, 96, 99, 104, 105 and 109 of the Rules shall apply;
- (f) all wheels of any such vehicle which are not fitted with pneumatic tyres or tyres of soft or elastic material shall be smooth and have the edge rounded to a radius of not less than 12 mm. and not more than 25 mm.;
- (g) the total weight transmitted to the road surface by any wheels not fitted with pneumatic tyres of any such vehicle in line transversely shall be such that the average weight per 25 mm. width of tyre in contact with the road surface shall not exceed 30 kilograms;
- (h) every track laying vehicle shall be so constructed that —
 - (i) the parts of the track which come into contact with the road surface are flat and have a minimum width of 12 mm.; and
 - (ii) except in the case of a track laying road roller, the total area of each track actually in contact with the road surface at any one time is not less than 0.023 square metre in respect of each tonne of the total weight of the vehicle which is transmitted to the road surface by means of the tracks;
- (i) in the case of a motor vehicle which is not propelled by a reversible steam engine, an efficient brake shall be fitted, and such brake shall at all times while the vehicle is used on a road be maintained in good and efficient working order and shall be properly adjusted; and
- (j) in the case of a trailer which is not drawn by a locomotive, suitable scotches or other similar devices shall be provided so designed and constructed as to hold the vehicle stationary when necessary, unless an efficient brake is fitted.

Restriction on number of abnormal indivisible loads

5.—(1) No motor vehicle or motor vehicle and trailer shall carry more than one abnormal indivisible load at any one time.

(2) If the weight transmitted to the road surface by the motor vehicle or the motor vehicle and trailer does not exceed the weights prescribed in the Rules it shall be permissible to carry more than one abnormal indivisible load of the same character or other articles of a similar character in addition to the abnormal indivisible load or loads.

Attendants

6.—(1) Where any vehicle, the use of which upon roads is authorised by this Notification, or the load carried by any vehicle so authorised, exceeds 2.9 metres in overall width, at least 4 persons inclusive of the driver or drivers shall be in attendance to attend the vehicle and load.

(2) Where any such vehicle referred to in sub-paragraph (1) —

(a) is stationary on a road; or

(b) is actually engaged in engineering operations and moves on a road only to the extent necessary for the efficient performance of such operations,

it shall be sufficient compliance with this paragraph if one person in addition to the driver or drivers is in attendance.

(3) Where any vehicle, the use of which upon roads is authorised by this Notification, or the load carried by any vehicle so authorised, exceeds 2.4 metres but does not exceed 2.9 metres in width at least one person in addition to the driver or drivers shall be in attendance to attend the vehicle and load.

Notice to Minister

7.—(1) The owner of every vehicle the use of which upon roads is authorised by this Notification and the weight of which, together with the weight of any load including drivers and attendants carried thereon, exceeds 12 tonnes shall before using any such vehicle upon a road give 3 clear days' notice in the form and containing all particulars specified in Part I of the Schedule and an indemnity in the form specified in that Part to the Land Transport Authority of

Singapore where the Authority is responsible for the maintenance and repair of any road or bridge over which it is proposed that the vehicle shall pass.

(2) The Minister may in special cases or circumstances dispense with any requirements as to the length of notice or the particulars to be given.

(3) No claim under the indemnity mentioned in sub-paragraph (1) shall be enforceable unless first made within a period of 12 months from the date when the vehicle was last so used under that notice.

(4) Nothing in this Notification shall authorise without the consent of the Minister the use of a vehicle on a road or bridge in contravention of a restriction on the use thereof imposed under section 113, 115 or 118 of the Act.

Exemption

8.—(1) Paragraph 7 shall not apply to —

- (a) the owner of a trailer transporting an ISO standard container; and
- (b) the owner of the types of vehicles shown in Part II of the Schedule.

(2) In sub-paragraph (1), “ISO standard container” means a container which has been constructed to meet the size, weight and design requirements of the International Standards Organisation and which is used to contain cargo.

THE SCHEDULE

PART I

FORM OF NOTICE TO
LAND TRANSPORT AUTHORITY OF SINGAPOREROAD TRAFFIC (MOTOR VEHICLES, AUTHORISATION OF
SPECIAL TYPES) NOTIFICATION

In pursuance of paragraph 7 of the abovementioned Notification, I/We of being the owner(s) of the undermentioned vehicles to which the Notification applies hereby give notice that it is my/our intention to use the said vehicle(s) on the roads specified below from to starting at a.m./p.m. on the day of and completing the journey at a.m./p.m. on the day of approximately. The route proposed to be followed is:

..... to
..... to

Note: Any further particulars of route necessary to define it clearly are to be given overleaf, and sufficient information is to be given to enable it to be identified.

PARTICULARS

(To be given in respect of each vehicle)

1. Vehicle(s) to which the Notification applies
Index mark and registration number (if any)
Carrier's licence number (if any)
Type
Description of load (if any)
Overall dimensions of vehicle (inclusive of load, if any) —
Maximum height
Maximum width
Maximum length
Weight of vehicle (inclusive of load, if any)

THE SCHEDULE — *continued*PART I — *continued*

Wheels or tracks (A dimensioned sketch plan is to be attached showing the number and disposition of all wheels and tracks in contact with the road surface).

2. Vehicle(s) (if any) drawing or drawn by the abovementioned vehicle(s).

Index mark and registration number (if any)

Carrier's licence number (if any)

Type

INDEMNITY

I/We hereby agreed to indemnify the Land Transport Authority of Singapore, a body corporate established by the Land Transport Authority of Singapore Act (Cap. 158A), in respect of any damage which may be caused to any road or bridge by reason of the construction of or the weight transmitted to the road surface by the abovementioned vehicle(s) to which the Notification applies, not being in accordance with the requirements of the rules made by the Minister or the said Authority under the Road Traffic Act (Cap. 276), except that the claim in respect of the damage shall be made within 12 months of the time when the damage was caused.

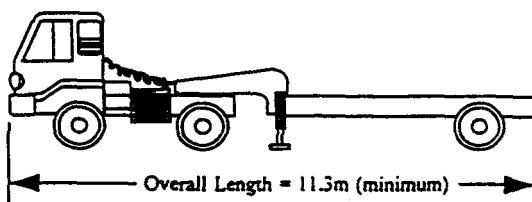
Signed

THE SCHEDULE — *continued*

PART II

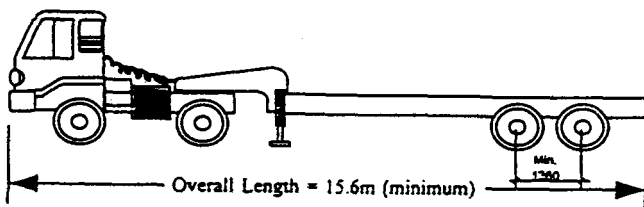
VEHICLES EXEMPTED FROM PARAGRAPH 7

1. Articulated Vehicle Type 2-S1

**Type 2 - S1**

Maximum Tractor Axle		Maximum Trailer Axle	Total Laden Weight
Front	Rear	1st	
6 Tonnes	10 Tonnes	10 Tonnes	26 Tonnes

2. Articulated Vehicle Type 2-S2

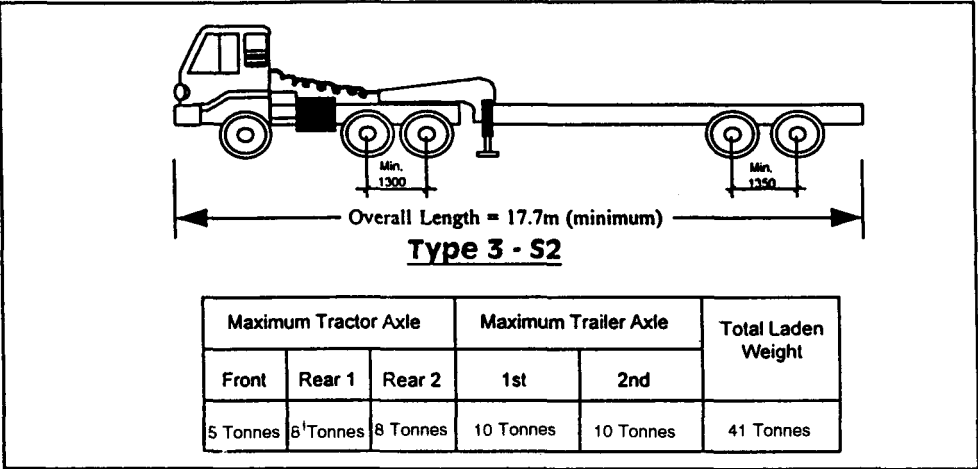
**Type 2 - S2**

Maximum Tractor Axle		Maximum Trailer Axle		Total Laden Weight
Front	Rear	1st	2nd	
6 Tonnes	10 Tonnes	10 Tonnes	10 Tonnes	36 Tonnes

THE SCHEDULE — continued

PART II — continued

3. Articulated Vehicle Type 3-S2



[G.N. Nos. S 482/48; S 63/54; S 327/75; S 454/95; S 377/97; S 420/97; S 264/98]