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**No. S 560**

ROAD TRAFFIC ACT  
(CHAPTER 276)

ROAD TRAFFIC  
(SMART-NUS AUTONOMOUS GOLF CARTS TRIAL)  
(EXEMPTION) ORDER 2013

ARRANGEMENT OF PARAGRAPHS

Paragraph

1. Citation
  2. Definitions
  3. Exemption  
The Schedules
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In exercise of the powers conferred by section 142 of the Road Traffic Act, the Minister for Transport hereby makes the following Order:

**Citation**

1. This Order may be cited as the Road Traffic (SMART-NUS Autonomous Golf Carts Trial) (Exemption) Order 2013.

**Definitions**

2. In this Order —

“NUS” means the National University of Singapore;

“relevant period” means the period from 1st September 2013 to 31st August 2015 (both dates inclusive);

“SMART” means the Singapore-MIT Alliance for Research and Technology Centre;

“specified area” means the area specified in the First Schedule;

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“specified vehicle” means a prototype autonomous motor vehicle based on any of the following golf cart models and used by NUS or SMART for the purpose of conducting a usability study and trial:

- (a) Yamaha G22E (G-Max);
- (b) Yamaha YDRE (The Drive).

### **Exemption**

3.—(1) Subject to this paragraph, Part I and sections 90 and 91 of the Act and the rules specified in the Second Schedule shall not apply to or in relation to a specified vehicle used on any road within the specified area during the relevant period.

(2) Only up to 3 specified vehicles may be used on the roads within the specified area at any time.

(3) There must be in force, at all times in relation to the use of a specified vehicle on any road within the specified area, a policy of insurance insuring against any liability in respect of the death of, or bodily injury sustained by, any person caused by or arising out of the use of the specified vehicle.

(4) The policy of insurance referred to in sub-paragraph (3) must be issued by an insurer who at the time the policy is issued is lawfully carrying on insurance business in Singapore.

(5) A specified vehicle must, at all times when it is used on a road within the specified area —

- (a) have on board as a safety precaution at least one individual who holds a valid Class 3 driving licence granted under the Road Traffic (Motor Vehicles, Driving Licences) Rules (R 27) and who knows how to operate the specified vehicle;
- (b) be escorted by at least one other individual, on foot or in another vehicle, who holds a valid Class 3 driving licence granted under the Road Traffic (Motor Vehicles, Driving Licences) Rules and who knows how to operate the specified vehicle; and

- (c) be capable of being easily and manually overridden and controlled by the individual referred to in sub-paragraph (a) or (b).
- (6) NUS or SMART must —
  - (a) ensure that adequate safety and traffic management measures are in place for the purposes of road safety and reducing the likelihood of traffic congestion when a specified vehicle is used on a road within the specified area; and
  - (b) implement within such time, such other safety or traffic management measures relating to the use of a specified vehicle on a road within the specified area, as the Authority may by notice in writing require.

## FIRST SCHEDULE

### SPECIFIED AREA

Paragraph 2

The area within the NUS Kent Ridge and University Town campuses which is more particularly delineated in the following map:

FIRST SCHEDULE — *continued*

## SECOND SCHEDULE

## SPECIFIED RULES

Paragraph 3(1)

1. Road Traffic (Motor Vehicles, Construction and Use) Rules (R 9)
2. Road Traffic (Motor Vehicles, Lighting) Rules (R 10)

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SECOND SCHEDULE — *continued*

3. Road Traffic (Motor Vehicles, Seat Belts) Rules (R 15)
4. Road Traffic (Motor Vehicles, Compulsory Inspection) Rules (R 26).

Made this 29th day of August 2013.

PANG KIN KEONG  
*Permanent Secretary,  
Ministry of Transport,  
Singapore.*

[LTA/RTA/SMARTAGCTRIAL/SL/MR/EXEMPT.13; AG/LLRD/  
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