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No. S 871

ROAD TRAFFIC ACT 1961

ROAD TRAFFIC (ROBOT PRECINCT — EXEMPTION) ORDER 2026

ARRANGEMENT OF PARAGRAPHS

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In exercise of the powers conferred by section 142 of the Road Traffic Act 1961, the Minister for Transport makes the following Order:

Citation and period in force

1.—(1) This Order is the Road Traffic (Robot Precinct — Exemption) Order 2026.

(2) This Order is in force for the period between 30 November 2026 and 30 November 2027 (both dates inclusive).

Definitions

2. In this Order —

"authorised AV" means an autonomous motor vehicle that —

(*a*) is authorised by IMDA for use in the Robot Precinct for a permitted purpose;

(*b*) is equipped with a mechanism that, when activated, permits any individual who is within physical reach of the mechanism to stop the autonomous motor vehicle from operating and moving;

(*c*) is demonstrated to be able —

(i) to detect and avoid any obstacle in the path of the autonomous motor vehicle;

(ii) to stop operating and moving when the mechanism mentioned in paragraph (*b*) is activated; and

(iii) to move within only a specific geographical area;

(*d*) has complied with the requirements of the tests known as the Supervised Trial Readiness Assessment and the Road Crossing Assessment for Autonomous Vehicles on Public Paths that are jointly administered by the Centre of Excellence for Testing & Research of Autonomous Vehicles — NTU (CETRAN) and the Authority; and

(*e*) satisfies the Authority that the autonomous motor vehicle is sufficiently safe and reliable when crossing a road, through any of the following means:

(i) the autonomous motor vehicle was deployed for use (whether or not in Singapore) in an environment comparable to that of the Robot Precinct for at least 6 months, and has a consistent track record demonstrating its safety and reliability;

(ii) if the autonomous motor vehicle has not previously been deployed in such an environment — supporting documents and information are provided to the Authority to demonstrate the safety and reliability of the autonomous motor vehicle;

"Info-communications Media Development Authority" or "IMDA" means the Info-communications Media Development Authority established by section 3 of the Info-communications Media Development Authority Act 2016;

"permitted purpose" means any of the following purposes:

(*a*) to carry out any public cleaning work or maintenance works within the Robot Precinct (including carrying out inspections to determine whether such cleaning work or maintenance works are necessary);

(*b*) to provide wayfinding assistance within the Robot Precinct;

(*c*) to provide mobility or recovery assistance to any individual within the Robot Precinct or to travel to any place or premises within the Robot Precinct to provide assistance with activities of daily living;

(*d*) to monitor the Robot Precinct for any nuisance, safety incident, emergency or security threat, or to stand by in case of, or to respond to, such nuisance, safety incident or emergency;

"Robot Precinct" means the area bounded by the black-coloured lines in the map set out in the Schedule;

"specified road crossing" means any crossing at the road junction encircled in the map set out in the Schedule.

Exemptions in relation to authorised AV

3.—(1) Sections 5, 10, 11(1)(*b*), 15 and 29(1) of the Act do not apply to any person who —

(*a*) uses, or causes or permits any other person to use, an authorised AV to cross a specified road crossing in the Robot Precinct for a permitted purpose; or

(*b*) keeps an authorised AV,

if all of the applicable conditions mentioned in sub-paragraph (3) are satisfied.

(2) Rule 4(1) and (2) of the Road Traffic (Autonomous Motor Vehicles) Rules 2017 (G.N. No. S 464/2017) does not apply to a person who —

(*a*) undertakes a trial of an authorised AV on a specified road crossing in the Robot Precinct; or

(*b*) uses on a specified road crossing in the Robot Precinct an authorised AV for a permitted purpose,

if all of the applicable conditions mentioned in sub-paragraph (3) are satisfied.

(3) The conditions are —

(*a*) the person must, before using or causing or permitting the authorised AV to be used, have been authorised by IMDA to do so;

(*b*) the person must, before using or causing or permitting the authorised AV to be used, ensure the authorised AV is programmed —

(i) to be used only for a permitted purpose; and

(ii) to move at a speed not exceeding 6 km/h;

(*c*) the person must ensure that the authorised AV crosses a specified road crossing —

(i) only when it is safe to do so, and by the most direct and shortest reasonable route to the opposite side of the road;

(ii) without remaining on the specified road crossing for longer than is necessary to complete the crossing;

(iii) where the specified road crossing is controlled by a signalised traffic sign, only when the signalised traffic sign indicates that pedestrians may cross; and

(iv) where the specified road crossing is a zebra crossing, only after the authorised AV has stopped and checked for on-coming traffic;

(*d*) the person must ensure that the authorised AV —

(i) when used to cross a specified road crossing — is accompanied by an individual, authorised by IMDA, within physical reach of the authorised AV to

monitor the operation of the authorised AV and to take over operation of the authorised AV if necessary; or

(ii) has complied with the requirements of the test that is known as the Deployment Readiness Assessment administered by the Authority and, when used to cross a specified road crossing, is supervised (whether or not remotely) by an individual authorised by IMDA, to monitor the operation of the authorised AV and to take over operation of the authorised AV if necessary;

(*e*) there is in force, at any time the authorised AV is used in connection with a permitted purpose, a policy of insurance in relation to the authorised AV insuring against any liability caused by or arising out of the use of the authorised AV in respect of —

(i) the death of or bodily injury sustained by any individual (whether or not including the individual operating and moving the authorised AV); and

(ii) any property damage suffered by any person (whether or not including the individual operating and moving the authorised AV); and

(*f*) the risk under the policy of insurance mentioned in sub-paragraph (*e*) is assumed by an insurer who, at the time of the issuance of the policy, is lawfully carrying on an insurance business in Singapore.

(4) In this paragraph, "zebra crossing" has the meaning given by rule 2 of the Road Traffic (Pedestrian Crossings) Rules (R 24).

THE SCHEDULE

Paragraph 2

ROBOT PRECINCT AND SPECIFIED ROAD CROSSING



Made on 26 November 2026.

LAU PEET MENG
Permanent Secretary,
Ministry of Transport,
Singapore.

[LTA/L18.029/002/AK/SH/EO.RP.26.01;
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