**Definitions**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **“Self-driving system”**—software and hardware capable of performing, singly or jointly, the task of driving an autonomous vehicle in accordance with the terms and the outline established in the license under Section 14; | |
|  |  | **“Minimum-risk situation”—**transition of the self-driving system to a situation that reduces risk originating in the autonomous vehicle to other road users and to property to the smallest extent possible, as the case may be, including total stoppage of the vehicle; | |
|  |  | **“Remote driving”—**driving of an autonomous vehicle by a person not in the vehicle at the time; | |
|  |  | **“Autonomous vehicle”—**a motor vehicle in which a self-driving system at the level of high or full autonomy is installed; | |
|  |  | **“Level of autonomy”** of a self-driving system—classification of autonomous driving systems by the extent of the driving task that the self-driving system can perform without human involvement; | |
|  |  |  | **“High level of autonomy”—**The self-driving system is capable of performing the driving task in its entirety and solely within the operating program that has been established for the driving system and is capable of transitioning autonomously to a minimum-risk situation with no need for human involvement; |
|  |  |  | **“Full level of autonomy”—**The self-driving system is capable of performing the driving task in its entirety; |
|  |  |  | **“Limited level of autonomy”—**Theself-driving system is capable of assisting a driver who is in the vehicle to perform certain driving operations but is not capable of performing the driving task in its entirety; |
|  |  | **“Self-driving system license”—**a license issued under Section 2; | |
|  |  | **“Self-driving system operator’s license”—** a license issued under Section 18; | |
|  |  | **“Transport services”—**paid transport of passengers by the holder of a taxi license, a service-line license, or any other public-vehicle license; | |
|  |  | **“Operating program”**—the terms and restrictions set forth in a self-driving system license, under which the driving system is licensed to perform the task of driving an autonomous vehicle, including terms associated with type of road, route of travel, weather conditions, time of day, and so on; | |
| Amendment to Section 2 (Vehicle License and Registration) | 2. | A person shall not drive a vehicle and shall not authorize another to drive a vehicle in his or her possession unless said vehicle is registered in accordance with the provisions of this Ordinance and possesses a valid vehicle license issued under this Ordinance: provided the vehicle owner shall not be liable under this Section for the driving of his or her vehicle by another person if he or she proves that he or she has taken all reasonable measures such that said person is not able to drive the vehicle. In this Section—a “person” includes a self-driving system. | |
| Amendment to Section 20 (Driver’s License) | 10. | (a) A person shall not drive a motor vehicle unless he or she has a driver’s license that is valid for the vehicle of said type, issued under this Ordinance, and a person shall not drive except in accordance with the terms of the license unless, and insofar as, he or she is exempt from the requirement of having a driver’s license. In this Section—the term “person” includes a self-driving system or a person driving a vehicle by remote driving. | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Additional chapter… “Autonomous Vehicle” |  | **Chapter … Autonomous Vehicle** | | | |
|  |  | **Subchapter A—Self-Driving System** | | | |
| Compulsory licensing | 1. | No person shall install in a vehicle a self-driving system at a high or full level of autonomy (hereinafter in this Chapter—self-driving system), and shall not allow a self-driving system to perform the task of driving unless said system has been licensed under the provisions of this Subchapter, and shall not allow the self-driving system to perform the task of driving except under the terms of the license. | | | |
|  | 2. | The Licensing Authority may issue a license under this Subchapter for a term that shall be established in the license and may establish terms for the issuance and renewal of said license. | | | |
|  | 3. | A self-driving system that meets the standards requirements of foreign countries or international organizations that the Minister determines by order or that are licensed to drive in countries that the Minister specifies—shall be exempt from compulsory licensing under this Subchapter. | | | |
| License application and terms for issuance | 4. | (a) | A person who manufactures, develops, or imports self-driving systems may apply for a license for a self-driving system (in this Subchapter—license applicant or license holder); | | |
|  |  | (b) | The Minister of Transport may determine by order additional players who are entitled to apply for a license under this Subchapter; | | |
|  |  | (c) | The Minister of Transport may determine that a manufacturer or importer who applies for and receives a license under this Subchapter shall be exempt from compulsory licensing under the Licensing Law. | | |
|  | 5. | (a) | A license application shall be submitted in accordance with a form that the Licensing Authority shall determine. | | |
|  |  | (b) | The proposed outline of the way in which the self-driving system shall perform the driving task (hereinafter in this Chapter—the Outline) shall be attached to a license applicant’s application; said Outline shall include, *inter alia,* reference to the following topics: | | |
|  |  |  | (1) | | the rules that direct the self-driving system in various travel situations and the way decisions are made therein; |
|  |  |  | (2) | | specification of the mechanisms and devices on which the self-driving system may call in the event of malfunction, failure, or accident, and the way in which they shall respond; |
|  |  |  | (3) | | sensor systems and their redundancy; |
|  |  |  | (4) | | specification of the remote-driving mechanism of the self-driving system and, within this generality, the situations or circumstances under which driving shall be performed remotely, the party that shall perform said remote driving, the way in which said remote driving shall be performed, and so on; |
|  |  |  | (5) | | the proposed operating plan for the self-driving system at a high level of autonomy; |
|  |  | (c) | The Minister may establish a standard or administrative directives relating to the rules that guide decision-making by the self-driving system as set forth in Subsection (b)(1). Once the Minister has established a standard or rules as aforesaid—no Outline that fails to comply with said standard or rules shall receive preliminary approval. | | |
| Preliminary approval | 6. | If the Licensing Authority finds in an initial check that the proposed Outline allows the self-driving system to drive safely, efficiently, and in accordance with the proposed operating program, it shall subject the self-driving system to driving tests. | | | |
| Driving tests | 7. | A license applicant who receives preliminary approval from the Licensing Authority for a self-driving system under Section 6 shall submit the self-driving system to a theory test and a practical test; | | | |
| Theory test | 8. | (a) | In the theory test, the assimilation of the driving rules and behavior presented in the Outline into the self-driving system, *inter alia*, shall be tested. | | |
|  |  | (b) | The theory test shall focus on the laws and rules in effect that relate to a self-driving system and the rules and laws required for safe and efficient driving within the framework of the operating program included in the Outline. | | |
| Practical test | 9. | In the practical test, the ability of the self-driving system to drive in accordance with the driving rules and behavior presented in the Outline, *inter alia,* shall be tested. | | | |
|  | 10. | (a) | The practical driving test shall be taken on a route that the Licensing Authority shall determine, and [the Authority] may determine that the test shall take place on more than one route and that an additional test shall be performed by means of a digital system that simulates road conditions, weather conditions, and so on. | | |
|  |  | (b) | If the Outline includes an operating program that restricts the self-driving system to driving under certain conditions or on certain routes—the practical driving test shall be conducted in accordance with said conditions and rules that apply and on said routes. | | |
|  | 11. | The Licensing Authority may, at any stage, instruct the license applicant to amend or complement any of the components of the Outline for the purpose of examining the Outline, or as a condition for the preliminary approval thereof, or as a condition for the issuance of the license, and may demand any further information as is needed to test the self-driving system. | | | |
| Issuance of the license | 12. | The Licensing Authority may issue a license under this Subchapter if the self-driving system satisfies all of the following: | | | |
|  |  | (a) | | The Licensing Authority is convinced, after examining the Outline and administering the driving tests, that the Outline on the basis of which the self-driving system shall operate will allow safe and efficient driving to take place; | |
|  |  | (b) | | The self-driving system has passed the theory test and the practical test successfully; | |
|  |  | (c) | | The other conditions for the issuance of the license have been met. | |
| Provisions of the license | 13. | The self-driving system license shall include the Outline tested and approved by the Licensing Authority, the expiration date of the license, the license holder’s particulars, and additional details that the Licensing Authority shall establish. | | | |
|  | 14. | A license issued under this Subchapter shall be valid for every self-driving system of the same model. | | | |
|  | 15. | No person shall modify a self-driving system after it has been licensed unless he or she has been authorized to do so by the Licensing Authority; the Licensing Authority may establish types of modifications that entail its prior approval and types of modifications that shall entail reporting only. In this Section, the term “modifications of a self-driving system” shall denote modifications of the approved Outline of the self-driving system or modifications that affect the safety or efficiency of travel in the autonomous vehicle. | | | |
|  | 16. | The Minister of Transport or a person deputized thereby— | | | |
|  |  | (a) | | shall establish rules for the procedures of the driving tests, the presentation of their results and attainment of their results, and may also determine the matters to be included on the theory test or the practical test; | |
|  |  | (b) | | shall establish, in administrative directives, additional terms for the issuance of a license; | |
|  |  | (c) | | may establish, in administrative directives, additional details that shall be included in the Outline that is attached to the license application and further matters for inclusion in the driving tests; | |
|  |  | (d) | | may establish additional rules and obligations that shall apply to a license holder under this Subchapter. | |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **Subchapter B—Self-Driving System Operator’s License** | |
| Compulsory licensing | 17. | No person shall operate a self-driving system that has been licensed under Section 2 unless he or she has received a license from the Licensing Authority under the provisions of this Subchapter. | |
| The license and terms for its issuance | 18. | The Licensing Authority may issue a license under this Subchapter and may establish conditions for the issuance and renewal of said license and, within this generality, may limit the issuance of the license to holders of transport-service licenses. | |
|  | 19. | (a) | A license application shall be submitted in accordance with a form that the Licensing Authority shall determine. |
|  |  | (b) | The Minister of Transport or a person deputized thereby shall establish additional terms for the issuance of a license under this Subchapter. |
|  | 20. | A self-driving system operator’s license shall include the model of the driving system for which the operator’s license is issued, the restrictions or terms that have been established for the issuance of the license, and further details that the Licensing Authority shall establish. | |
| License holder’s obligations | 21. | The holder of a self-driving system operator’s license— | |
|  | (a) | shall not operate a self-driving system that has not been licensed under this Chapter or that has a license that has expired; |
|  |  | (b) | shall operate the self-driving system in accordance with the terms and Outline that were set forth in the self-driving system license; |
|  |  | (c) | shall be responsible for updating and maintaining the self-driving system in accordance with the instructions of the manufacturer of the system, the instructions of the Licensing Authority, and the provisions of any law; |
|  |  | (d) | The Licensing Authority may establish additional obligations that shall apply to the holder of a self-driving system operator’s license. |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **Subchapter C—Miscellaneous Provisions** |
| Transport services | 22. | (a) | All transport services that are regulated by the Ordinance and by regulations based thereon may also be delivered by means of an autonomous vehicle. |
|  |  | (b) | The obligations that apply to a transport-service driver shall apply to the holder of a self-driving system operator’s license *mutatis mutandis,* unless stated otherwise; |
|  |  | (c) | The Minister of Transport may determine that the holder of a self-driving system operator’s license who provides transport services shall be exempt from the provisions that apply to a transport-service driver or license holder. |
| Compulsory reporting and documentation | 23. | (a) | The Licensing Authority shall establish directives relating to compulsory documentation that shall apply to the holder of a self-driving system license and the holder of a self-driving system operator’s license; |
|  |  | (b) | The Licensing Authority shall determine the reporting obligations that shall apply to the holder of a self-driving system license and the holder of a self-driving system operator’s license; |
| Effect of administrative directives | 24. | (a) | Administrative directives laid down by the Licensing Authority or the Minister under Sections 16(c)(5), 19(b), 21(d), 23, and 26 shall be in effect for a term of five years from the day on which they are promulgated unless provisions in the same matter were previously established in regulations; the Minister, or the Licensing Authority per approval of the Minister, may prolong the effect of the directives for a term that shall not exceed three years. |
|  |  | (b) | Provisions or rules established under the provisions of Subsection (a) shall be promulgated on the Ministry of Transport website and in *Reshumot* [the official gazette]. |
| Promulgation | 25. | The Licensing Authority shall promulgate the following on the Ministry of Transport website: | |
|  |  | (1) | a list of models of self-driving systems that have been licensed under this Chapter, along with the particulars of the license holders; |
|  |  | (2) | the Outline approved for the self-driving system as specified in its license; |
|  |  | (3) | modifications of the self-driving system approved under Section 15; |
|  |  | (4) | a list of holders of self-driving system operator’s licenses. |
| Implementation and regulations | 26. | The Minister is tasked with the implementation of the provisions of this Chapter and may establish administrative directives or regulations, as the case may be, for the implementation of the provisions of this Chapter, including the following— | |
|  |  | (a) | determining that provisions of the Ordinance or regulations set forth in accordance therewith shall not apply to an autonomous-vehicle, a self-driving system, and the holder of a self-driving system operator’s license; |
|  |  | (b) | exempting types of self-driving systems or a specific driving system from compulsory licensing under this Chapter; |
|  |  | (c) | defining cases and circumstances under which any license issued under this Chapter may be suspended or revoked. |