

Table 2: Automatic Vehicle Washing Equipment Specifications

Equipment items	Equipment specifications
Automatic sensing gate	An automatic sensing gate shall be installed on automatic vehicle washing equipment. Therefore, when a transport vehicle enters the vehicle washing platform, the vehicle shall trigger the electrically-actuated gate and turn on water spraying equipment.
Vehicle washing platform	<p>Vehicle washing platform specifications shall comply with the following standards:</p> <ol style="list-style-type: none"> 1. A vehicle washing platform with a vibrating surface shall be established, and the platform width shall be greater than 1.2 times the transport vehicle width. 2. The platform length shall be greater than the transport vehicle length. 3. The platform shall vibrate up and down when a transport vehicle is on it, enabling the removal of grit and grime from the tires and vehicle body.
Water spraying facilities	<p>Water spraying equipment shall be installed on both sides of vehicle washing platforms, and shall comply with the following requirements:</p> <ol style="list-style-type: none"> 1. The total installed length of water spraying equipment shall be at minimum greater than the length of the vehicle washing platform, and the distance between each spray nozzle shall be 50 cm or less. 2. Spray nozzles shall have high and low spray angles in an alternating arrangement, and the cleaning height range shall be sufficient to accommodate the vehicle bodies. 3. The pressurizing motors for water spraying equipment shall be at least 15 horsepower. 4. Spraying shall be continuous while a transport vehicle is crossing a vehicle washing platform.
Wastewater treatment equipment	Sedimentation ponds with an effective sedimentation function or wastewater treatment equipment shall be installed. Wastewater generated in the vehicle washing process shall be collected and sent to the wastewater treatment equipment for treatment, and then reused or released.
Signs	<p>Signs shall be posted near the entrance to automatic vehicle washing equipment; such signs shall explicitly state the following items:</p> <ol style="list-style-type: none"> 1. Warnings reminding drivers to stop and wash their vehicles, etc. 2. Vehicle washing equipment operating instructions and washing hours