

**Vehicle assessment of truck
and semi-trailer combinations
short term permit heavier
than 50,000 kg and/or longer
than 22 metres**



Before an Permit is granted, RDW assesses a number of aspects related to the vehicle/cargo. These aspects are listed below, accompanied by an explanation of how they are assessed.

Assessment of the vehicle length

The total vehicle length of the vehicle combination specified by you must not exceed the specified requirements. This is the case when:

- At the front of the vehicle, the cargo may not project further than 430 cm beyond the core front axle.
- At the rear of the vehicle, the cargo may not project further than 500 cm beyond the core rear axle.

The statutory projection of cargo can be less than 500 cm. For a description of the legally permitted dimensions, go to our website on tet.rdw.nl. The RDW Permit employees perform an accurate calculation on the basis of the vehicle specifications. In some cases, we ask you to send a drawing for clarification.

We also check whether the semi-trailer has power steered axles – this is when the axle is driven by hydraulics or rods. A self tracking axle is considered to be rigid.

Assessment documents for the vehicle weight

An Permit is only granted when:

1. The truck of the specified vehicle combination has been issued with a certificate where the technical capabilities are mentioned.
2. The semi-trailer of the specified vehicle combination has been issued with a certificate where the technical capabilities are mentioned or a SERT document (Special European Registration Trucks and Trailers).

Assessment of the vehicle weight

Type and number of axles

The type and the number of axles (normal and pendular) must be the same for each vehicle type.

Axle loads for non-drive axles

- Normal axle: a maximum of 10,000 kg
- A pendular axle: a maximum of 16,000 kg. N.B. A number of road authorities permit an axle load of a maximum of 12,000 kg.

Axle loads for drive axle(s)

- Single drive axle: a maximum of 11,500 kg on the municipal and provincial roads and motorways (A roads).
- Double drive axle: a maximum of 10,000 kg on municipal and provincial roads and a maximum of 12,000 kg on motorways (A roads).

One-fifth under the drive axle

Up to a weight of 100,000 kg, one-fifth of the total weight must be carried by the drive axle(s); this is for the purpose of traction. With weights of 100,000 kg or more, the drive axles must be loaded to the maximum.

Maximum weight on kingpin

The maximum load on the kingpin (fixed data item on the registration certificate or SERT document) of the truck may not be exceeded. This is calculated in the following way: the sum of the axle loads minus the unladen weight equals the clutch thrust. For example: 7,500 kg + 10,000 kg + 10,000 kg – 8,500 kg = 19,000 kg. If several vehicles are being used, the combination with the lowest value is chosen for the calculation.

Documents for foreign vehicles

For a vehicle not registered in the Netherlands, you must also send the technical documents pertaining to the vehicle. Examples include a copy of the registration certificate and another official vehicle document, such as a §70.

Tips

- For information about dimensions, rear or front over-projection, attestation, a SERT document or a deadweight capacity certificate, go to our website on tet.rdw.nl
- You can use a drawing to make your application clearer; you can download this 'exceptional cargo drawing' from our website.