

Principle approval scheme for particulate filters

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Guidance for filter manufacturers

The Danish Road Safety and Transport Agency has established a principle approval scheme for particulate filters for motor vehicles. The principle approval ensures that the particulate filter system satisfies the Road Safety and Transport Agency's requirement specification. A principle approval is proof that the filter is sufficiently effective in reducing particulate emissions, that the filter does not result in other types of air pollution, and that satisfactory procedures with regard to the work environment during maintenance of the particulate filters have been established.

The principle approval is voluntary, and it is paid for by the applicant.

Application for principle approval of particulate filter systems must be sent to:

Danish Technological Institute
Centre for Renewable Energy and Transport
Kongsvang Allé 29
DK-8000 Århus C

The filter manufacturer or the manufacturer's representative can apply for approval using the [application form](#).

Only manufacturers of filters can obtain a principle approval. When applying for a principle approval the manufacturer can choose to be represented by a trading company, on condition that the manufacturer contributes with technical information and documentation.

A manufacturer is regarded as a person or an organisation that is responsible to The Danish Road Safety and Transport Agency and The Danish Technological Institute for the approval process in all respects, as well as for the continuous production control.

The manufacturer must have technical expertise to vouch for the construction and production of the filter. A trading company can therefore not be accepted as a manufacturer. It is not required that the manufacturer is directly involved in all steps of the construction or production of the particulate filter that is covered by the application. If parts of the documentation has not been made by or for the manufacturer, it is required that that maker of the documents declares that the manufacturer is allowed to use the documents in connection with the principle approval.

It is a condition for approval that the Danish Technological Institute certifies that the filter system satisfies the Road Safety and Transport Agency's [requirement specification](#).

The principle approval covers a particulate filter system. Thus, it can cover several different filter sizes. It is only necessary to apply for more than one approval if technical differences between the particulate filters exist.

Application with enclosed documentation showing that the filter system complies with the requirement specification must be sent to The Danish Technological Institute. The documentation can consist of relevant documents, test reports and manufacturer's declarations. Tests must be carried out by certified technical services. Refer to the requirement specification for further details on what documentation is required for the specific items. The Danish Technological Institute may request supplementary documentation.

If there are changes in regard to the reported information on the particulate filter or the production, the Danish Technological Institute must be notified of the changes. Depending on the character of the changes, The Danish Technological Institute decides whether or not addendums to the principle approval need to be issued.

Questions regarding the principle approval scheme can be answered by one of the following:

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Niels-Anders Nielsen, Danish Road Safety and Transport Agency, +45 33929144