Federal Ministry Republic of Austria Climate Action, Environment, Energy, Mobility, Innovation and Technology

>> contact point automated mobility

Testing automated vehicles on roads in Austria which are publicly accessible

Process procedure for application and test execution

The following document describes the schematic procedure for the testing of automated vehicles and their systems on roads which are publicly accessible in Austria.

Tests are regulated in the Automated Driving Regulation (AutomatFahrV¹) of the BMK². According to the regulation, the following use cases can currently be tested, after a certification has been issued:

- I) Automated minibus
- II) Automated vehicle for passenger transport
- III) Automated vehicle for the transport of goods
- IV) Motorway pilot with automated lane change
- Motorway pilot with automated driving on motorway on- and off-ramps and exits
- VI) Autonomous military vehicle
- VII) Automated valet parking
- VIII) Automated working machine

At the moment, vehicle manufacturers, system developers, research institutes, transport companies, operators of transport lines, freight transport companies, operators of parking garages and car parks as well as road owners can submit a test application³.

The following scenarios for dealing with tests are described in this document:

- 1) Testing possibilities for advanced automated vehicles/functions in accordance with the AutomatFahrV
- 2) Testing possibilities for advanced automated vehicles/functions that are currently not regulated in accordance with the AutomatFahrV

Enquiries and test projects must be disclosed to the National Contact Point for automated mobility – AustriaTech GmbH (<u>automatisierung@austriatech.at</u> as well as <u>www.austriatech.at</u>). The issuing of a certification is the responsibility of the BMK. The BMK can, if necessary, involve a Advisory Council, consisting of independent experts with legal and technical expertise, to provide advice during the application procedure.

¹ https://www.ris.bka.gv.at/GeltendeFassung/Bundesnormen/20009740/AutomatFahr.pdf

English Version: https://www.austriatech.at/assets/Uploads/Fokusseiten/Kontaktstelle-Automatisierte-

Mobilitaet/Dokumente/6bb989d920/Automated-Driving-Regulation-Austria_EN.pdf

² Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology ³ §§ 7-9b AutomatFahrV

1) Testing possibilities for advanced automated vehicles/functions in accordance with the AutomatFahrV

Step	Description of the process step		
1	Expressing interest in testing on roads in Austria, which are publicly accessible, to the Contact Point		
2	Consultation of the applicant by the Contact Point and information on planned test project to the BMK		
3	Carrying out a route analysis and risk assessment *		
4	Notification from the applicant to the respective state governor & road operator **		
5	Submitting the application to the Contact Point		
6	Evaluation of the application by the Contact Point		
Application documents complete?			
	Yes → Step 7	No \rightarrow Request for correction/improvement & Step 5	
7	Forwarding of the application documents to the BMK for pre-evaluation		
Positive evaluation of the application documents by the BMK?			
Yes → Step 8		No \rightarrow Request for correction/improvement & Step 5	
8	Discussion of the application in the Advisory Council		
Need for improvement identified?			
	No → Step 9	Yes -> Request for correction/improvement & Step 5	
9	Decision on test application made by the BMK		
10	Issuing of a temporary certification by the BMK		
11	Start of the tests		
12	Applicant submits test reports to the Contact Point twice a year and forwarding to the BMK		
13	End of the tests		
14	Preparation of a final report on the tests carried out and transmission to the contact point as well as forwarding to the BMK		

Responsibility of the process step: grey: by applicant | blue: by contact point or BMK

* To carry out the route analysis and risk assessment, it is recommended to use the template provided by the contact point, which can be downloaded <u>here</u> along with the other application documents. It is not mandatory to use the template, but in any case, a result equivalent to the template must be produced.

** It is recommended to carry out the notification as soon as possible. In the case of test drives on the lowranking road network, the decision on the application in the BMK (step 8) can be made at the earliest one month after the provincial governor has been notified. In the case of tests on motorways and motorways, ASFINAG must also be involved in the planning and preparation of the test project at an early stage. Any infrastructural requirements shall be in agreement with ASFINAG and shall be adapted at ASFINAG's own expense. ASFINAG can be contacted via the following e-mail address: <u>konzernsteuerung@asfinag.at</u>

2) Testing possibilities for advanced automated vehicles/functions that are currently not regulated in accordance with the AutomatFahrV

Step	Description process step		
1	Expressing interest in testing on roads in Austria, which are publicly accessible, to the Contact Point		
2	Consultation of the applicant by the Contact Point		
Test project currently regulated by law?			
	No → Step 3	Ja → Process according to section 1) Testing possibilities for advanced automated vehicles/functions in accordance with the AutomatFahrV	
3	Detailed description of the planned project from the applicant to the Contact Point (e.g. via questionnaire to assess the needs for testing new automation functions)		
4	Processing of the demand by the contact point and forwarding to the BMK		
5	Examination of a possible amendment of the AutomatFahrV by the BMK		
Amendment possible?			
	Yes → Step 6	No \rightarrow Tests in the presented form currently not realisable	
6	Implementation of the amendment process		
7	Adjustment of the regulation		
Process according to 1) Testing possibilities for advanced automated vehicles / functions in accordance with the AutomatFahrV			

Responsibility of the process step: grey: by applicant | blue: by Contact Point or BMK | red: Application according to process in section 1)