

Type-Approval Procedure

Information System of the German Type-Approval Authority

UN Regulations No. 155 and 156 (cybersecurity and software update)

- Coordination with the Krafftahrt-Bundesamt (KBA) for testing activities

Issue/Statement of the problem:

When granting approval in accordance with UN Regulations No. 155 and 156, extensive tests are required at the applicant. This includes checking the risk assessment, process documentation, tests and their interrelationships in relation to the electrical/electronic vehicle architecture (E/E architecture). Confidentiality requirements (sections 3.3 and 3.7. of UN Regulation No. 155 and 156) must be taken into account. This results in a lower level of description in the information package and in the test report.

Further information beyond that provided in the information package and the test report is required for type approval.

Result:

The KBA always accompanies the tests to be carried out before type approval is granted, e.g. document checks on site, further audits, tests, etc.. This requires that the KBA receives information about the type, scope, time and location well in advance.

The KBA should therefore be informed in good time (at least 4 weeks) by e-mail to cybersecurity@kba.de before the tests for granting approval (document checks, audits at the manufacturer, supplier, service provider and the technical service's own tests). This also applies if the specific date has not yet been set but a time window has already been set. This is also necessary because the KBA involves the Bundesamt für Sicherheit in der Informationstechnik (BSI - Federal Office for Information Security) on the basis of an administrative agreement due to the expertise available there.

For easy further processing, the subject should follow the following scheme: IST [01-24] Manufacturer/Technical Service.

The following information is required:

- Time scope of the activity
- Objective of the activity
- Location of the activity
- Form of implementation (e.g. on-site, remote)
- Type of activity (e.g. product testing)
- Audit and testing criterias (e.g. UN-R 155)
- Contact details auditor/ contact person technical service
- Contact details of responsible person/ contact person of the manufacturer
- Agenda (if available)

If the KBA accompanies tests before type approval is granted, this may also include the participation of persons from the from the KBA's designation body.

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