

## Active safety

# We help to prevent critical situations



We analyse the operational and traffic safety for you with the aim of preventing accidents in the air and on the road. We examine vehicles and components with regard to their structural durability and handling on our servo-hydraulic test benches and the DTC test track. We have what it takes to analyse active safety for you, from the design stage all the way through to a safe driving experience.

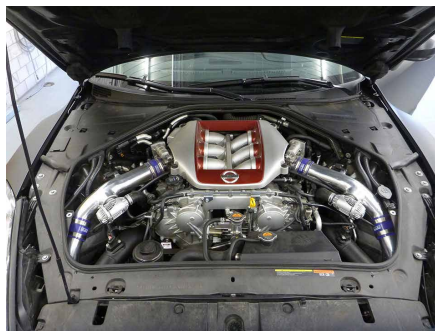
- ✓ **DEVELOPMENT TEST**
- ✓ **HOMOLOGATION TEST**
- ✓ **NOISE MEASUREMENT**
- ✓ **VERIFICATION OF MODIFICATIONS**
- ✓ **STRENGTH TEST**
- ✓ **VEHICLE DYNAMICS ANALYSIS**

### VERIFICATION OF MODIFICATIONS

Where existing vehicles are being modified, we are able to test the relevant components and issue the documents necessary for approval.



Verification of modifications updated payload



Verification of performance increase modifications

### YOUR BENEFITS

#### Latest equipment

The latest scientific findings and continuously updated methods, measuring devices and procedures.

#### Highly flexible

We are able to integrate individual, specific customer requests into the examination.

#### Comprehensive documentation

Of all tests, inspections and trials. If required, we provide the customer with full and comprehensive documentation.

#### Test laboratory accreditation

With the accreditation as a testing laboratory (ISO/ICE 17025), the elaborated test documents are internationally recognized.

## VEHICLE DYNAMICS ANALYSIS

Analysis of vehicle dynamics in normal driving mode up to the limits provides insights into the characteristics of the vehicle and the effectiveness of the driver assistance systems.



Motorcycle slalom



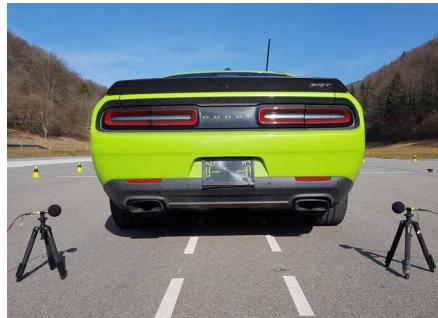
Brake / evasion ESC inspections



Analysis  $\mu$ -split braking

## NOISE MEASUREMENT

On our noise measurement track that is unique in Switzerland, we are able to investigate the noise characteristics of vehicles of all categories according to the latest standards.



Stationary measurement



Pass-by measurement

## HOMOLOGATION TEST

Various verifications and test certificates are required for the approval of vehicles and products. These are carried out and documented using the wide testing infrastructure.

## DEVELOPMENT TEST

Customer product developments are tested in accordance with current standards or special requirements. Our state-of-the-art test facilities guarantee maximum precision and the highest quality.



Endurance testing of a cable car

## STRENGTH TEST

We can test the strength of components and materials to their resistance in the laboratory and measurements under real driving conditions.



Vibration test

