

FIA spectator debris fence

FIA Standard 3502: Debris Fence

DTC AG is an FIA approved test house for the execution of full-scale tests on motor sport spectator protection fences.

- ✓ **CERTIFICATION TESTS**
- ✓ **FIA 3502 DEBRIS FENCE**
- ✓ **DEVELOPMENT TESTS**
- ✓ **FORMULA 1**
- ✓ **CRASHTEST**

OUTDOOR TEST FACILITIES

Tests for mobile and stationary motorsport spectator protection fences are performed on our outdoor test facilities. Both full vehicle tests (with 20° impact angle) and tests with sphere (with 90° impact angle) are conducted in accordance with the FIA 3502 standard. Parallel test preparations of the spectator protection fences are possible, since the two types of tests are carried out at two different test facilities.



Vehicle impacts spectator protection fence at 122 km/h

YOUR BENEFIT

Accredited

Only approved test house for standard tests according to FIA 3502.

Confidentiality

We guarantee absolute confidentiality of projects, constructions, processes and prototypes.

Flexible

Fast availability of test facilities. Testing of mobile or stationary systems. Parallel preparation of the spectator protection fences for tests with sphere and vehicle is possible, as the two tests take place on different test facilities.

Innovative

Additional measurement technology for extended data evaluation and analyses.



Rear view of a sphere throwing test on a mobile spectator protection fence



Side view of a sphere throwing test on a mobile spectator protection fence



Top view of a vehicle test on a stationary spectator protection fence

Mobile spectator protection fences can be set up directly on the test facilities.

For stationary systems you may have your systems installed on site - either independently or with one of our construction partners.



Rear view of a vehicle test on a stationary spectator protection fence

It is possible to determine both the energy input and the effective force curve as a function of the deflection by evaluating the measured data from the test specimen or the vehicle. These data may be very valuable for further development of the systems.

The report of a successfully tested spectator protection fence results in approval by the FIA due to our accreditation.

We gladly provide you with competent and efficient support in scheduling and performing your projects. Please do not hesitate to contact us.



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