Testing station

BLT Wieselburg is:

- within the European Union a notified technical service „EU testing station“ for the EG type approval according 2003/37/EG (type approval and limited type approval, (including as well ROPS and FOPS) of agricultural and forestry tractors).

- a OECD (Organisation for Economic Cooperation and Development) approved testing station.

- a accredited testing station for roll-over protective structures.

Number of identification: 112

BLT Wieselburg
education and research centre
Francisco Josephinum

Rottenhauser Straße 1
3250 Wieselburg
Phone: +43 (0)7416 52175-0
Fax: +43 (0)7416 52175-45
E-Mail: blt@josephinum.at
Internet: http://www.josephinum.at
ROPS test

The most frequently carried out test is the so called ROPS test (Roll-Over-Protective-Structure). The ROPS test simulates a 360° roll-over of the vehicle. For the test of the ROPS structure the loads are applied by hydraulically operated cylinders in horizontal and vertical direction. The test is a static test. The absorption of energies and the resistance against vertically applied downwards forces are tested. The test is passed positive when during the test the clearance zone ("space for the operator to stay alive") is not entered by any part of the structure or test equipment and the structure has no breakage.

FOPS test

FOPS is the short term for Falling-Object-Protective-Structure and marks a safety structure of cabs providing protection against falling objects. For this test a test object (level I, 45 kg or level II, 297 kg) is dropped from a specified drop height onto the cab. The test is passed positive when the clearance zone, marked by the yellow structure, is not penetrated.

Seatbelt anchorage test

For this test the seat belt is tested with a tensile force in forward and rearward in a specified angel in upward direction. The test is passed positive when at the seat belt anchorage and on the driver seat is no functional failure.