

## Complete running dynamic type test of the Tanoos<sup>896</sup> with Probotec AM-III-bogies



The wagon to be tested leaves the workshop together with the measuring coach

### Factsheet 2.00024

#### Detail informations

##### Scope of supply

- specification of the running dynamic type test in cooperation with the vehicle manufacturer and the approval authorities
- Preparation and organisation of the measurement runs with the infrastructure and the vehicle operator
- Performance of the measurements as a general contractor together with operating partner Lötschbergbahn BLS
- Evaluation of the measurements according to the test specification and the respective standards and UIC Codes (UIC 518, prEN 14363, etc.)

##### References

- **NSB EMU Class 72 (Norway)**  
Performance of the complete running dynamic type test and product validation measurements
- **Talgo AVE S102 (Spain)**  
Performance of a complete running dynamic type test on the new Spanish high speed train

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### Customer Requirement

Caused by reorganisation within an European railway test laboratory Probotec Ltd. needed on a short notice a railway test laboratory certified by the German railway authority to perform a complete running dynamic type test according to UIC 518 on the goods wagon of type Tanoos, which was equipped with the Probotec-AM-III-bogies.



The PROSE measuring engineer monitors the signals in the measuring compartment of the measuring coach

### Realisation

PROSE was assigned by Probotec to perform the running dynamic type test as general contractor. This work included also the choosing of the test lines and the organisation of the measuring runs. Thanks to boundary conditions in Switzerland enabling tests on a short notice and the partnership with the Swiss railway authority (BAV) and the operator Lötschbergbahn BLS well

adjusted to working together, it was possible to organise the necessary measuring runs in a very short time frame. The PROSE measuring coach was used as driving test laboratory during the measuring runs.

A complete running dynamic type test of the goods wagon was performed using measuring wheelsets of type 'DB-Minden'.

In cooperation with the German Eisenbahn-bundesamt it was possible to agree on a test program in Switzerland which will enable the authorities to take a decision for an approval of the vehicle in Germany.

### Customer Advantage

The flexibility and competence of our partners and of PROSE enabled us to organise the running dynamic type tests and to perform them with state of the art quality in a very short time frame.



The PROSE measuring coach is based on a RIC passenger coach

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