

UNITED KINGDOM
SIDEWAY-FORCE SKID RESISTANCE SURVEY DEVICES
ACCREDITATION TRIAL SUMMARY TEST CERTIFICATE

Report No: 0175SKID/S66 HSL Issue 1

REGISTRATION NUMBER: S66 HSL
TRIAL Reference No: 16

Operated by **SABER**
Of 5 Beaver Trade Park, Quarry Lane, Chichester

has participated in a United Kingdom Sideway-Force Coefficient Routine Investigation Machine Accreditation trial on **26 March 2019** at MIRA Proving Ground, Watling Street, Nuneaton, Warwickshire, CV10 0TU under the supervision of TRL.

The above machine has been tested against the criteria specified in Accreditation and Quality Assurance of Sideways Force Skid Resistance Survey Devices document¹ dated July 2016.

This machine has successfully met the mandatory criteria. Some Network Authorities may also require specific level of performance in some or all of the additional tests. The performance of this machine in each test is summarised in the Annex to this test certificate.

This certificate supersedes any previous certificates issued by TRL.

Signed on behalf of TRL Limited



Patrick Werro

Valid From: 26 March 2019
Date of expiry: 26 April 2020

¹ This document is available from TRL or from the following website
http://www.ukroadsliaisongroup.org/en/asset-condition/road-condition-information/data-collection/skid-resistance/Sideway_force_skid_resistance_survey_devices/index.cfm

Test Certificate Annex

The following parameters must be passed to successfully meet the requirements of the accreditation trial.

Tested Parameter	Left wheel	Right wheel
Skid Resistance		
Between run standard deviation	Pass	Not Assessed
Between equipment standard deviation	Pass	Not Assessed
Distance measurement and Vehicle Speed		
Distance measured	Pass*	
Vehicle Speed	Pass	
Test wheel weight and water flow		
Test wheel weight	203.3	Not Assessed
Water flow rate	Pass	Not Assessed
Water flow direction	Pass	Not Assessed
* Comments:		
Distance assessed against automatic markers criteria. It met the criteria for one of the two sites. The contractor should review and monitor the performance during their QA programme. This machine is deemed satisfactory for distance measurement.		

The following parameters were also tested/reviewed. They are not currently mandatory requirements, however some Network Authorities may also require specific level of performance in some or all of these additional tests.

Tested Parameter	Performance
OSGR coordinate measurement	Low
Altitude measurement	Medium
Data alignment performance	Satisfactory
.S10 file format	Satisfactory
.LOC file format	Satisfactory
.RCD file format	Satisfactory
.BCD file format	No Data Supplied
Comments:	
OSGR assessed against OSGR fitted and Automatic markers criteria. Data fitted using Highways England's MSP by the Auditor.	