

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

Report No: 0120SKID/17 2G 1777 Issue 5

REGISTRATION NUMBER: 17 2G 1777
TRIAL Reference No: 33

Operated by **PMS Eire**
Of Raheen Industrial Estate, Athenry, Ireland

has participated in a United Kingdom Sideway-Force Coefficient Routine Investigation Machine Accreditation trial on **30 March 2023** at HORIBA-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 Sideway-force Skid Resistance Survey Devices document¹ issue 4.1.

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: 29 March 2023
Date of expiry: 29 April 2024

¹ This document is available from TRL or from the following website
<https://ukrlg.ciht.org.uk/ukrlg-home/guidance/road-condition-information/data-collection/skid-resistance/>



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	No Data Supplied
Between equipment standard deviation	Pass	No Data Supplied
Distance measurement and Vehicle Speed		
Distance measured	Pass	
Vehicle Speed	Pass	
Test wheel weight and water flow		
Test wheel weight	206.0	No Data Supplied
Water flow rate	Pass	Not Assessed
Water flow direction	Pass	Not Assessed
* Comments:		
The device did not meet the requirements for distance measured during the trial. It was found to be consistently longer than the reference suggesting that it was not correctly calibrated at the trials. After re-calibration, the contractor compared measurements against another device, and this data was found to be suitable.		

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	High
Altitude measurement	Low
Data alignment performance	Satisfactory
.S10 file format	Satisfactory
.LOC file format	Satisfactory
.RCD file format	Not Suitable
.BCD file format	No Data Supplied
Comments:	
OSGR assessed against OSGR fitted and Manual markers criteria on two live test routes. Chainage of marker points in RCD file in incorrect format (not reported to 3 decimal places).	

