

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

Report No: 0108SKID/S111 WDM Issue 8

**REGISTRATION NUMBER: S111 WDM**  
**TRIAL Reference No: 23**

Operated by **WDM Ltd**  
Of Staple Hill House, Staple Hill, Bristol

has participated in a United Kingdom Sideway-Force Coefficient Routine Investigation Machine Accreditation check on **28 April 2020** on the Network Route north of Nuneaton assessed by TRL.

Due to the current public health situation regarding COVID-19 it has been deemed unsuitable for a full Accreditation trial to be held at this time. As such a temporary amended approach has been implemented to check the continued consistency of these devices. The above machine has therefore only been tested against the wheel weight and live traffic route criteria specified in Accreditation and Quality Assurance of Sideways Force Skid Resistance Survey Devices document<sup>1</sup> (dated June 2020). Therefore, this certificate should be considered in conjunction with the previous accreditation certificate for this device located at:

[http://www.ukroadsliaisongroup.org/en/asset-condition/road-condition-information/data-collection/skid-resistance/Sideway\\_force\\_skid\\_resistance\\_survey\\_devices/index.cfm](http://www.ukroadsliaisongroup.org/en/asset-condition/road-condition-information/data-collection/skid-resistance/Sideway_force_skid_resistance_survey_devices/index.cfm)

This machine has successfully met the mandatory criteria of this Accreditation check. 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: 30 April 2020  
Date of expiry: 8 August 2020

<sup>1</sup> 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](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
<b>Skid Resistance</b>		
Between run standard deviation	Pass	Not Assessed
Between equipment standard deviation	Pass	Not Assessed
<b>Distance measurement and Vehicle Speed</b>		
Distance measured	Not Assessed	
Vehicle Speed	Not Assessed	
<b>Test wheel weight and water flow</b>		
Test wheel weight	201.5	Not Assessed
Water flow rate	Not Assessed	Not Assessed
Water flow direction	Not Assessed	Not Assessed
<b>* Comments:</b>		
For this check the Wheel weights were measured by the survey contractor using their own equipment.		

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	High
Data alignment performance	Satisfactory
.S10 file format	Satisfactory
.LOC file format	Satisfactory
.RCD file format	Satisfactory
.BCD file format	Satisfactory
<b>Comments:</b>	
OSGR and Altitude assessment based on performance on the network route combined with the performance achieved on a suitable closed track site for this test during the 2019 assessment.	