

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

Report No: 0108SKID/S12 WDM Issue 8

REGISTRATION NUMBER: S12 WDM
TRIAL Reference No: 24

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 **3 August 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 document¹ (dated June 2020). Therefore, for the distance, speed and water flow assessments reference should be made to the 2018 and 2019 accreditation certificates 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

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: 3 August 2020

Date of expiry: 30 April 2021

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	Not Assessed	
Vehicle Speed	Not Assessed	
Test wheel weight and water flow		
Test wheel weight	200.0	Not Assessed
Water flow rate	Not Assessed	Not Assessed
Water flow direction	Not Assessed	Not Assessed
* Comments:		
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
Comments:	