

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

Report No: 0108SKID/S16 WDM Issue 7

REGISTRATION NUMBER: S16 WDM
TRIAL Reference No: 31

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 document¹ (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

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

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 | 200.8 | 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: | |
| 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. | |