

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

**Report No: 0120SKID/01 KK 1138 Issue 6**

**REGISTRATION NUMBER: 01 KK 1138**  
**TRIAL Reference No: 14**

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 **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 document<sup>1</sup> 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

<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                               | Pass       |              |
| Vehicle Speed                                   | Pass       |              |
| <b>Test wheel weight and water flow</b>         |            |              |
| Test wheel weight                               | 206.5      | Not Assessed |
| Water flow rate                                 | Pass       | Not Assessed |
| Water flow direction                            | Pass       | Not Assessed |
| <b>* Comments:</b>                              |            |              |
| Distance assessed against push button criteria. |            |              |

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   | Satisfactory     |
| .BCD file format   | No Data Supplied |
| <b>Comments:</b>   |                  |
| OSGR assessed against OSGR fitted and Push button criteria. Data fitted using Highways England's MSP by the Auditor. |                  |