UNITED KINGDOM
DYNAMIC PLATE TEST DEVICES
ACCREDITATION TRIAL SUMMARY TEST CERTIFICATE

Report No: 0164DPT/8082 029 Issue 6

DYNATEST HWD 8082
SERIAL NUMBER: 029
TRL Reference No: 13

Operated by **AECOM**

of   **12 Regan Way, Chetwynd Business Park, Chilwell, Nottingham**

has participated in a United Kingdom DPT Accreditation trial on **26 October 2021** at HORIBA-MIRA Proving Ground, Watling Street, Nuneaton, Warwickshire, CV10 0TU under the supervision of TRL.

The above machine has been tested against the accreditation requirements as provided in "Accreditation and Quality Assurance of Dynamic Plate Test Survey Devices" document[1] dated September 2020.

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 October 2021
Date of expiry: 26 November 2022

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[1] This document is available from TRL or from the UKRLG website (https://www.ciht.org.uk/ukrlg-home/guidance/road-condition-information/data-collection/dynamic-plate-test-devices-dpt/).

Test Report 0164DPT/8082 029 Issue 6 Annex

The following parameters cover the configuration of the DPT device.

Component	Parameter
Load plate type	**Solid**
Number of weights / buffers per side	**0/5**
Peak smoothing feature	**Enabled**

The following parameters must be passed to successfully meet the requirements of the trial.

Tested Parameter	Performance
Standard deviation of load corrected deflections	**Pass**
Mean Field Calibration Factor (FCF) for all sensors	**Pass**
Field Calibration Factor (FCF) for individual sensors	**Pass**
Mean Standard Deviation of the Deviation Ratio (SDDR) for all sensors	**Pass**
SDDR for individual sensors	**Pass**
Distance Travelled	**Pass**
Comments:	

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 level
OSGR coordinates (Easting and Northing)	**No Data Supplied**
Temperature at Depth	**Medium**
Surface temperature	**No Data Supplied**
Air temperature	**No Data Supplied**
Comments:	

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Page **2** of **2**