

Certificate No: 0108SCN/RAV7 ISSUE 13

## RAV7



(Registration number: W700 RAV)

Operated by;  
**WDM Ltd.,**  
**Staple Hill House,**  
**Staple Hill,**  
**Bristol,**  
**BS16 4NX**

This survey vehicle has been approved, subject to conditions in the annex, to collect SCANNER survey data within the UK. It has met the accreditation requirements outlined in the UK Roads Board specification “SCANNER surveys for local roads” and this qualifies the system to be used for the production of National Indicators.

Signed for and on behalf of TRL Limited



Patrick Werro

Valid from 8<sup>th</sup> August 2021

Date of expiry 7<sup>th</sup> August 2022

## Certificate Annex - Certificate No: 0108SCN/RAV7 Issue 13

Survey Parameter	Pass/Fail
Grid Co-ordinates	Pass
<b>Road Geometry:</b>	
Gradient	Pass
Crossfall	Pass
Curvature	Pass
<b>Longitudinal Profile:</b>	
Measured using the HRM method in both the nearside and offside wheelpaths. Deceleration/acceleration limits: 3m variance: 3m/s <sup>2</sup> 10m variance: 3m/s <sup>2</sup>	Pass
Recovery period required <b>after</b> triggering deceleration /acceleration limits (for which no LPV data can be delivered)	10 metres
Minimum survey speed for the reporting of longitudinal profile data	0.5 km/h
<b>Rutting</b>	Pass
<b>Transverse profile SCANNER parameters:</b>	
Cleaned nearside & offside rut depths, edge roughness, road edge step & transverse unevenness. The parameters must be generated using a 22 point transverse profile.	Pass
<b>Texture Profile:</b>	
Sensor measured texture depth (SMTD)	Pass
Mean Profile Depth (MPD)	Pass
Delivery of nearside, middle and offside RMST and RMST variance, 5 <sup>th</sup> and 95 <sup>th</sup> percentile and texture variability.	Pass
<b>Cracking:</b>	
Using auto-sensitivity for surface type and recognising the limitations of the system, which is not accredited for concrete or block paving surfaces	Pass
<b>Network Fitting:</b>	
Manual markers	N/A
OSGR co-ordinates	Pass
<b>File Formatting and Content</b>	Pass
Notes: <ul style="list-style-type: none"> <li>On-going improvements to be implemented as agreed with the auditor.</li> <li>Data assessed using HMDIF and RCD files.</li> <li>The SCANNER specification and accreditation was not developed for unclassified roads. Therefore the SCANNER accreditation process does not test the capabilities of the measurement systems on unclassified roads (or very narrow classified roads).</li> </ul>	