TRL

Certificate No: 0108SCN/RAV7 ISSUE 12

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 8th August 2020
Date of expiry 7th August 2021

Certificate Annex - Certificate No: **0108SCN/RAV7 Issue 12**

Survey Parameter	Pass/Fail
Grid Co-ordinates	**Pass**
Road Geometry:	
Gradient	**Pass**
Crossfall	**Pass**
Curvature	**Pass**
Longitudinal Profile:	
Measured using the HRM method in both the nearside and offside wheelpaths. Deceleration/acceleration limits: 3m variance: $3m/s^2$ 10m variance: $3m/s^2$	**Pass**
Recovery period required **after** 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**
Rutting	**Pass**
Transverse profile SCANNER parameters:	
Cleaned nearside & offside rut depths, edge roughness, road edge step & transverse unevenness. The parameters must be generated using a 22 point transverse profile.	**Pass**
Texture Profile:	
Sensor measured texture depth (SMTD)	**Pass**
Mean Profile Depth (MPD)	**Pass**
Delivery of nearside, middle and offside RMST and RMST variance, 5th and 95th percentile and texture variability.	**Pass**
Cracking:	
Using auto-sensitivity for surface type and recognising the limitations of the system, which is not accredited for concrete or block paving surfaces	**Pass**
Network Fitting:	
Manual markers	**N/A**
OSGR co-ordinates	**Pass**
File Formatting and Content	**Pass**
Notes: • On-going improvements to be implemented as agreed with the auditor. • Data assessed using HMDIF and RCD files. • 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).	