Driver & Vehicle Standards Agency

MicromobilityInspections to MSVA Standards CITA Overview

SAE J3194™ TAXONOMY & CLASSIFICATION OF POWERED MICROMOBILITY VEHICLES

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Helping you stay safe on Britain's roads



What is MSVA?





The Task and Methodology

- "the DfT ask"
- The DVSA prework
- The DVSA methodology
 - Led by DfT
 - Scooters designed for mass hire and fleet use
 - Limited design variations
 - Ustilising MSVA experience and equipment
 - Gather witness and photographic evidence
 - Produce gap analysis report





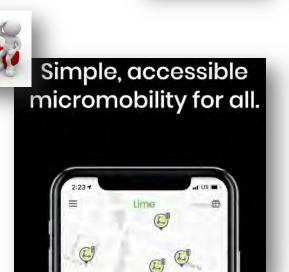
Businesses on a Page

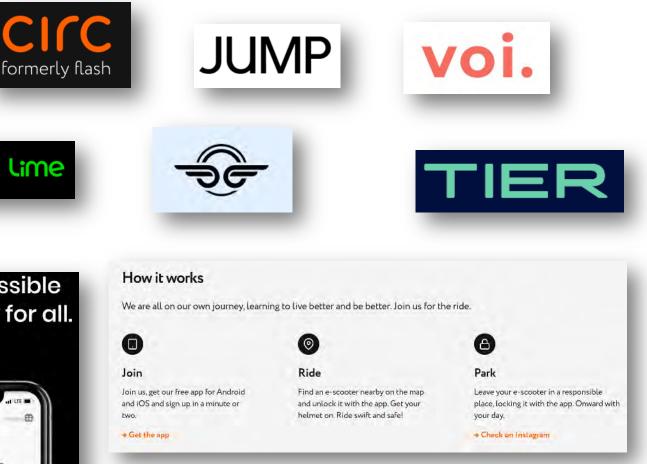
Company	Bird	Circ	Jump	Lime	Tier	Voi
Model	One	Okai ES400	Okai E200D	S 3.0	Okai ES400	Voiager2
Website	- -	CICC formerly flash	JUMP	🛞 Lime	TIER	voi.
Business Contact	Francisco Madaleno	Sam Pooke	Benjamin Bell and David Myers	Alan Clarke and James Willson	Alisdair Ferguson	Welmoed Neijmeijer
Image						



General findings

- Manufacturer engagement
- Unlocking/operating
- Rider awareness
- Training
- Handling
- Electric!
- Hire fleet only







Section 1 Stands

Make	Bird	Circ	Jump	Lime	Tier	Voi
MSVA Result	return to travelling position.	Pass OBS: Stand returned to travelling position following first contact with ground.	Fail 2. c) OBS: Prop stand requires physical intervention to return to travelling position.	Fail 2. c) OBS: Prop stand requires physical intervention to return to travelling position.	Fail 3. b) OBS: Centre stand requires assistance to return to travelling position.	Fail 2. c) OBS: Prop stand requires physical intervention to return to travelling position.

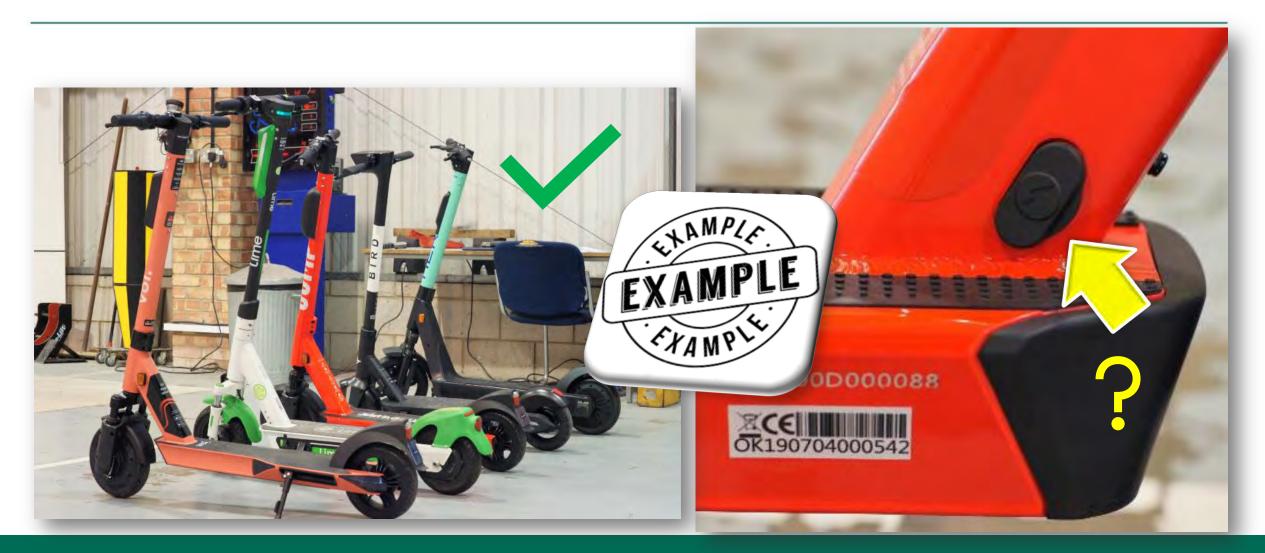


Section 1 Stands



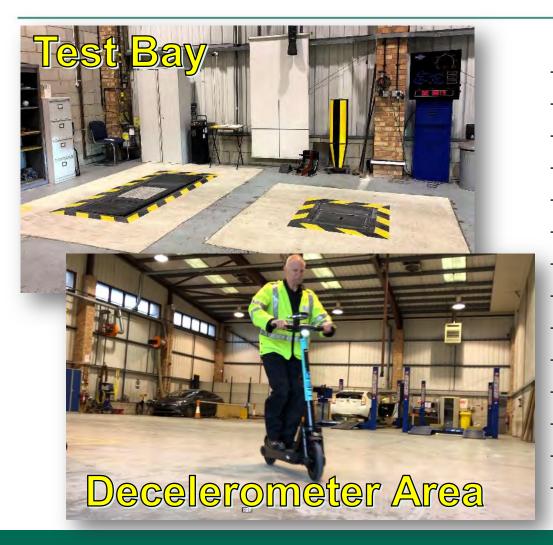


Section 14 Design & Construction





Equipment Findings



Equipment Unbodied Vehicles only	Portable	Outcome
Tape measure	or Fixed Portable	
•		•
Plumb line	Portable	✓
Radius Gauges	Portable	✓
Decelerometer	Portable	✓
Mudguard leading edge tool x2	Portable	✓
Stem gauge	Portable	✓
Projection Assessment Device	Portable	×
Mirror templates x5	Portable	✓
Headlamp Aiming screen	Fixed	✓
Roller Brake Tester (RBT)	Fixed	×
Wheel Clamp	Fixed	×
Weigh scales	Portable	×
Weigh scales as part of the RBT	Fixed	×
Hoist/Lift	Fixed	✓
	•	-





