

# ISO 14960-2:2024-01 (E)

## Tubeless tyres - Valves and components - Part 2: Clamp-in tubeless tyre valve - Test methods

---

<b>Contents</b>		Page
<b>Foreword</b>		<b>iv</b>
<b>1</b>	<b>Scope</b>	<b>1</b>
<b>2</b>	<b>Normative references</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions</b>	<b>1</b>
<b>4</b>	<b>Test fixture and valve hole dimensions</b>	<b>1</b>
<b>5</b>	<b>Test methods and performance requirements</b>	<b>2</b>
5.1	General	2
5.1.1	Appearance	2
5.1.2	Operating pressure	2
5.1.3	Samples	3
5.2	Leakage test method	3
5.3	Valve core tests	4
5.3.1	Valve core specifications	4
5.3.2	Valve core room temperature leakage test	4
5.3.3	Valve core low temperature leakage test	5
5.3.4	Valve core high temperature leakage test	5
5.3.5	Valve core over torque resistance test	5
5.3.6	Valve core endurance test	5
5.3.7	Valve core air flow rate test	6
5.4	Valve cap seal: room temperature test (optional, for sealing caps only)	7
5.4.1	Test procedure	7
5.4.2	Performance requirement	7
5.5	Valve to rim seal	7
5.5.1	Valve to rim seal leakage test — General	7
5.5.2	Valve to rim seal low temperature leakage test	8
5.5.3	Valve to rim seal high temperature leakage test	8
5.5.4	Valve to rim seal peak temperature leakage test	8
5.6	Valve mechanical resistance	9
5.6.1	Over torque nut test	9
5.6.2	High pressure test	9
5.6.3	Radial force resistance (nose resistance)	9
5.7	Environmental resistance	11
5.7.1	Ozone test	11
5.7.2	Neutral salt spray (NSS) test	12