

ISO 11243:2023-09 (E)

Cycles - Luggage carriers for bicycles - Requirements and test methods

Contents		Page
	Foreword.....	v
	Introduction.....	vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	The restrictions of maximum load capacity for the types of non cycle specific luggage carrier	3
5	Requirements and test methods	4
	5.1 General.....	4
	5.2 Tolerances.....	4
	5.3 Crack detection methods.....	5
	5.4 Sharp edges.....	5
	5.5 Security of safety-related fasteners.....	5
	5.5.1 Security of screws.....	5
	5.5.2 Minimum failure torque.....	5
	5.6 Minimum requirements for rear luggage carriers to which a child seat could be attached.....	5
	5.7 Protrusions.....	5
	5.8 Rear luggage carriers — Provision for lighting.....	5
	5.9 Dynamic load tests.....	6
	5.9.1 Requirement.....	6
	5.9.2 General loading method.....	6
	5.9.3 Vertical test method.....	8
	5.9.4 Lateral test method.....	8
	5.9.5 Additional test method for child seat compatible luggage carrier.....	9
	5.10 Static load test — Vertical load.....	12
	5.10.1 Requirements.....	12
	5.10.2 Test method.....	12
	5.11 Static load test — Lateral load.....	13
	5.11.1 Requirements.....	13
	5.11.2 Test method.....	13
	5.12 Static load test — Longitudinal direction.....	15
	5.12.1 General.....	15
	5.12.2 Requirements.....	15
	5.12.3 Test method.....	15
	5.13 Drop impact test (only for luggage carriers of plastics or metal and plastics).....	16
	5.13.1 General.....	16
	5.13.2 Requirement.....	16
	5.13.3 Test method.....	16
6	Marking	17
	6.1 General.....	17
	6.2 Requirements.....	17
	6.3 Durability test.....	17
	6.3.1 Requirements.....	17
	6.3.2 Test method.....	17
7	Instructions	17

8	Test report	18
Annex A (normative)	Test setup requirements	20
Annex B (informative)	Alternative dynamic test requirements and test methods for luggage carrier	24
Annex C (informative)	Examples of luggage carrier configurations	27
Annex D (informative)	Test method for child seat compatible luggage carrier option 1	29
Bibliography	31