

# ISO 4210-3:2023-01 (E)

## Cycles - Safety requirements for bicycles - Part 3: Common test methods

---

	Contents	Page
Foreword .....		iv
Introduction .....		v
1 Scope .....		1
2 Normative references .....		1
3 Terms and definitions .....		1
4 Test methods .....		1
4.1 Brake tests and strength tests .....		1
4.1.1 Brake tests to which special requirements apply .....		1
4.1.2 Strength tests to which special requirements apply .....		1
4.1.3 Numbers and condition of specimens for the strength tests .....		1
4.1.4 Maximum permissible error tolerances of test conditions for brake tests and strength tests .....		2
4.2 Front mudguard test methods .....		2
4.2.1 Front mudguard with stays test methods .....		2
4.2.2 Front mudguard without stays test method .....		4
4.2.3 Front mudguard -- Wheel blocking verification test .....		4
4.3 Road test on a fully assembled bicycle test methods .....		5
4.4 Durability test of marking .....		5
4.5 Fatigue test .....		6
4.6 Fatigue test for composite components .....		6
4.7 Impact test .....		6
4.8 Plastic material test ambient temperature .....		6
Annex A (informative) Structural integrity of the fully assembled bicycle .....		7
Annex B (informative) Verification of free-fall velocity .....		9
Annex C (informative) Steering flutter .....		10
Bibliography .....		12