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Stability/Overload Requirements of Different Countries for Toys Testing

	USA **ASTM F963 - 08**	**Europe** **EN71 Part 1 : 2005**	**Australia/New Zealand** **AS/NZS ISO 8124-1 : 2002**
Scope: Sideways stability	Ride on toys with three or more load bearing wheels.'4.17.1 This does not include toys where without restriction both legs are available for stabilization	Does not apply to toys with two aligned wheels. Wheels spaced =150 mm (5.9") apart are considered to be a single wheel.	Ride-on toys of spherical, cylindrical or other shape that do not normally have a stable base are not covered by these requirements.
Seat heights for sideways stability exemptions.	1 years = = 9" 2 years = = 9.7" 3 years = = 11" 4 years = = 12.3" 5 years = = 13.3" '4.17.2.1 Table 2	No exemption for seat height.	< 27cm and where the feet and/or lags of the child are unrestricted in their sideways motion and thus are available for stabilization.
Requirement: sideways stability	15° incline '4.17.2.2 50 kg (110 lb) load '4.5	10° incline at 25 kg (< 36 mths) or 50 kg (≥ 36 mths) load	Legs unrestricted 10° Legs restricted 15° incline. 25 kg (≤36 mths) 50kg (≥37 mths) load
Scope: Fore and aft stability	Ride on toys with three or more load bearing wheels.'4.17.1	Does not apply to toys with two aligned wheels. Wheels spaced =150 mm (5.9") apart are considered to be a single wheel.	Ride-on toys where the rider cannot easily use his/her legs for stabilization.
Requirement: Overload	Load 3 times the weight of 95th percentile children '4.17.5	None	≤ 36mths: 35±0.3kg ≥37mths and ≤96mths: 80 ± 1.0kg ≥ 97mths: 140±2.0kg
Requirement: Dynamic Strength	None	At 25 kg (< 36 mths) or 50 kg (≥ 36 mths) load, drive at 2 m/s into a non-resilient step 50 mm high.	At 25 kg (< 36 mths) or 50 kg (≥ 36 mths) load, drive at 2 m/s into a non-resilient step 50 mm high.