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Reference: **HARI (*)**

Characteristics: **Four-legged chair with metal structure,
upholstered seat and back, without armrests**

Standard: **UNE-EN 16139:2013/Corrected version 2015
(Level L2, extreme use)**



Test	Standard/Section	Test parameters	RESULT
General safety requirements	UNE-EN 16139:2013/Corrected version 2015 sec.4	---	SATISFACTORY
Safety, resistance and durability requirements	UNE-EN 16139:2013/Corrected version 2015 sec.5	---	SATISFACTORY
Front overturn	UNE-EN 1022:2019 sec.7.3.1	Vertical force (N): 600 Horizontal force (N): 20	SATISFACTORY
Corner stability	UNE-EN 1022:2019 sec.7.3.3 and Annex B.1	Force applied (N): 300	SATISFACTORY
Backward overturn (chairs with no reclining backrest)	UNE-EN 1022:2019 sec.7.3.6	Vertical force (N): 600 Horizontal force (N): 151	SATISFACTORY
Side overturn (for chairs without armrests)	UNE-EN 1022:2019 sec.7.3.4	Vertical force (N): 600 Horizontal force (N): 20	SATISFACTORY
Static load on the seat and backrest	UNE-EN 1728:2013 sec.6.4	Load on seat (N): 2000 Load on back (N): 700 No. of cycles: 10	SATISFACTORY
Static load on the front of the seat	UNE-EN 1728:2013 sec.6.5	Load applied (N): 1600 No. of cycles: 10	SATISFACTORY
Vertical static load on the backrest	UNE-EN 1728:2013 sec.6.6	Force applied (N): 900 Load on seat (N): 1800 No. of cycles: 10	SATISFACTORY
Durability of the seat and the backrest	UNE-EN 1728:2013 sec.6.17	Load on seat (N): 1000 Load on back (N): 300 No. of cycles: 200.000	SATISFACTORY
Durability of the front edge of the seat	UNE-EN 1728:2013 sec.6.18	Load on seat (N): 800 No. of cycles: 100.000	SATISFACTORY

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Test	Standard/Section	Test parameters	RESULT
Front static load on the legs	UNE-EN 1728:2013 sec.6.15	Force applied (N): 620 Load on seat (N): 1800 No. of cycles: 10	SATISFACTORY
Side static load on the legs	UNE-EN 1728:2013 sec.6.16	Force applied (N): 760 Load on seat (N): 1800 No. of cycles: 10	SATISFACTORY
Drop test (stackable chairs) Annex A.1	UNE-EN 1728:2013 sec. 6.27.2	Drop height (mm): 200 No. of cycles: 10	SATISFACTORY
Backward drop test, Annex A.2	UNE-EN 1728:2013 sec. 6.28	No. of cycles: 5	SATISFACTORY

Oihana Plazaola
Technical manager

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