TEST REPORT
EN ISO 20957-1:2024
Stationary training equipment —
Part 1: General safety requirements and test methods

Report Number. .....:	LTR25068033S02
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Guangdong Lintek Certification Group Co., Ltd. Approved

Testing Laboratory.....:	Guangdong Lintek Certification Group Co., Ltd.
Address .....:	Room 318, No.116-2, Guanlan Road, Fucheng Street, Longhua District, Shenzhen, Guangdong, China
Applicant's name.....:	Yongkang Fengmin Fitness Equipment Co., Ltd.
Address .....:	2nd Floor, Building 3, No. 899 Songshi West Road, Xicheng Street, Yongkang City, Jinhua City, Zhejiang Province
Test specification:	
Standard.....:	EN ISO 20957-1:2024
Test procedure .....:	Test report
Non-standard test method.....:	N/A
Test Report Form No.....:	EN ISO 20957-1
Test Report Form(s) Originator ....:	Lintek
Master TRF.....:	Dated 2024-06-21
Test item description .....:	Pull-ups on the door
Trade Mark .....:	N/A
Manufacturer.....:	Yongkang Fengmin Fitness Equipment Co., Ltd.
Address .....:	2nd Floor, Building 3, No. 899 Songshi West Road, Xicheng Street, Yongkang City, Jinhua City, Zhejiang Province
Model/Type reference .....:	FR—016

Possible test case verdicts:	
- test case does not apply to the test object..... :	N (N/A)
- test object does meet the requirement ..... :	P (Pass)
- test object does not meet the requirement ..... :	F (Fail)
Testing ..... :	
Date of receipt of test item ..... :	Jun. 02, 2025
Date (s) of performance of tests ..... :	Jun. 02, 2025 to Jun. 19, 2025

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.
Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

General product information:

This Unit is Pull-ups on the door

Copy of marking plate

Pull-ups on the door
FR—016
Yongkang Fengmin Fitness Equipment Co., Ltd.
2nd Floor, Building 3, No. 899 Songshi West Road, Xicheng Street, Yongkang City, Jinhua City, Zhejiang Province
Class C Class H
Made In China
CE

EN ISO 20957-1			
Clause	Requirement + Test	Result - Remark	Verdict

4	**Classification**		P
4.1	General Equipment shall be classified in accordance with accuracy and usage class as described in 4.2 to 4.3.		P
4.2	Accuracy classes		P
4.2.1	Accuracy classes only apply to equipment which display training data		P
4.2.2	Class A: high accuracy		N/A
4.2.3	Class B: medium accuracy		N/A
4.2.4	Class C: minimum accuracy		P
4.3	Usage classes		P
4.3.1	Class S (Studio): professional and/or commercial use		N/A
4.3.2	Class H (Home): domestic use.		P
4.3.3	Class I: professional and/or commercial use provided for inclusive use for people with special needs		N/A

5	Safety requirements		P
5.1	General		P
5.2	Stability of equipment		N/A
5.3	External construction		P
5.3.1	Edges All edges and corners of surfaces supporting bodies shall have a radius r > 2,5 mm.	r > 2,5 mm.	P
5.3.2	Tube ends When tested in accordance with 6.3.2, accessible tube ends shall be closed off either by parts of the equipment or by plugs		P
5.3.3	Squeeze, shear, rotating and reciprocating points within the accessible area		P
5.3.4	Squeeze and shear points as well as rotating and reciprocating points in the accessible hand and foot area		P

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Clause	Requirement + Test	Result - Remark	Verdict
5.3.5	Weights and resistant means The range of motion of all weights attached to the stationary training equipment shall be limited to that required to perform the exercise. Test in accordance with 6.3.4.		P
5.4	Entrapment of the user The possibility of users not being able to exit the equipment when using it according to the user's manual shall be avoided		N/A
5.5	Adjustment components and locking mechanisms Adjustment components and locking mechanisms on the stationary training equipment shall function securely, be conspicuous, self-evident and safely accessible to the user. The possibility of unintended change shall be eliminated.		P
5.6	Ropes, belts, chains and attachment components		N/A
5.6.1	General		N/A
5.6.2	Ropes and belts Rope and belt ends shall be, as a minimum, flush with the end of the termination means and shall be visible for inspection		N/A
5.6.3	Rope and belt guides A means shall be provided to prevent a rope or a belt becoming unintentionally disengaged during use or set-up		N/A
5.7	Pull-in points Pull-in points of rope or belt drives up to 1 800 mm height shall be protected except if the surface pressure is ⩽ 90 N/cm 2 or when access to the pull-in point is prevented by the user’ s body during exercising		N/A
5.8	Hand grips		P
5.8.1	Integral handgrips		P
5.8.2	Applied handgrips		N/A
5.8.3	Rotating handgrips		N/A
5.9	Endurance test The stationary training equipment shall function as specified in the manufacturer's instructions after the test has been carried out. Test in accordance with 6.12.		N/A

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5.10	Isometric test requirements If the stationary training equipment is designed to perform an isometric test, then the load or force on the user's body shall be displayed with an accuracy of ± 10 % in the range of measurement given in the user's manual and the read outs shall be SI units		P
5.11	Heart rate measurement system The function of the heart rate measurement system shall be indicated on the display when the equipment is receiving a usable signal from the user, e.g. a blinking heart		N/A
5.12	Heart rate control mode The function of the heart rate measurement system shall be permanently indicated on the display when the equipment is receiving a usable signal from the user, e.g. a blinking heart		N/A
5.13	Electrical safety Concerning electrical and electronic aspects of stationary training equipment EN 60335-1 shall be applied. For medical devices EN 60601-1 shall be applied		N/A
5.14	Loading		P
5.14.1	Intrinsic loading Each piece of equipment loaded with the user's bodymass shall withstand a force F of 2,5 times the bodymass		P
5.14.2	Extrinsic loading		P
5.15	Care and maintenance Care and, if applicable, maintenance advice shall be provided with each piece of equipment. The advice shall include at least:		P
	a) a warning notice to the effect that the safety level of the equipment can be maintained only if it is examined regularly for damage and wear, e.g. ropes, pulleys, connection points		P
	b) an advice to replace defective components immediately and/or keep the equipment out of use until repair		P
	c) special attention to components most susceptible to wear		P
5.16	Assembly instructions		P

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Clause	Requirement + Test	Result - Remark	Verdict
5.17	General instructions for use Each item of stationary training equipment shall be accompanied by a user's manual, in the national language including at least the following information.		P
	a) Customer service address		P
	b) Full address of the manufacturer or importer		P
	c) Indication of field of application (e.g. indoor use, explanation of the usage class)		P
	d) Indication that the free area shall be not less than 0,6 m greater than the training area in the directions from which the equipment is accessed. The free area must also include the area for emergency dismount. Where equipment is positioned adjacent to each other the value of the free area may be shared. The free area and training area shall be illustrated with a dedicated figure		P
	e) Information on the correct use of the equipment and its features with the emphasis on safe operation, and the importance of keeping unsupervised children away from the equipment.		P
	f) Exercise instructions with advice with regard to correct biomechanical positioning of the user on the stationary training equipment. A warning indicating that injuries to health may result from incorrect or excessive training. Instructions shall be given in respect of every major exercise type for which the equipment is designed		P
	g) Texts concerning difficult or complicated manoeuvres shall be accompanied by illustrations		P
	h) Instruction on how to safely use access and escape assist means		P
	i) Design illustration		P
	j) Warning that if any of the adjustment devices are left projecting, they could interfere with the user's movement		N/A
	k) Warning that free standing equipment shall be installed on a stable and levelled base		N/A
	l) Setting of the load and equipment further adjustments		P
	m) Indication of the maximum user body mass		N/A
	n) Indication of the maximum training mass, if applicable		N/A
	o) Explanation of the displayed data, if applicable		P

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	p) If the heart rate is displayed, a warning with the following content shall be given: “WARNING! Heart rate monitoring systems may be inaccurate. Over exercising may result in serious injury or death. If you feel faint stop exercising immediately”.		N/A
5.18	Marking		P
	Stationary training equipment shall be permanently marked with the following minimum information		P
	a) name or trademark and full address of the manufacturer, supplier or importer		P
	b) maximum body mass of user and the maximum training mass for the individual exercise stations (if applicable)		P
	c) usage classes S, H or I and accuracy classes A, B, C, which can be combined (e.g. SA) if both classes are specified in that part of this International Standard		P
	d) individual code number (which contains information about type and year of manufacture)		P
	e) graphical symbol or written information in the national language(s) instructing the user to read the information supplied by the manufacturer		P
	f) for class S and I equipment, a conspicuous graphical symbol or written information in the national language(s) shall be applied if the equipment needs attachment/anchoring for safe operation		N/A
6	Test methods		P
6.1	Test conditions	23 °C, 60%RH	P
6.2	Stability test		P
6.2.1	Test in training position		N/A
6.2.2	Test in folded/storage position		N/A
6.3	External construction		P
6.3.1	Test of edges and corners		P
6.3.2	Tube ends		P
6.3.3	Testing of squeeze and shear points and rotating and reciprocating points		P
6.3.4	Weights and resistant means		P
6.3.5	Testing of pull-in points		P

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6.4	Testing of entrapment A visual and performance test shall be carried out to determine whether or not the user can become entrapped		P
6.5	Adjustment components and locking mechanisms Perform a visual and functional examination before, during and after every test.		P
6.6	Tensile test for ropes, belts, chains and attachment components		N/A
6.7	Testing of rope and belt guides		N/A
6.8	Testing of flywheels		N/A
6.9	Testing of integral handgrips		N/A
6.10	Determination of the removing force of applied handgrips Apply a force of 70 N carefully to the handgrip by means of an appropriate pulling device		N/A
6.11	Testing of rotating handgrips		N/A
6.12	Testing of endurance load Carry out the test as close as possible to normal exercise frequency and free of shocks for:		P
	a) class H 12 000 cycles over 80 % of the possible range of movement;		P
	b) class S 100 000 cycles over 80 % of the possible range of movement		N/A
6.13	Testing of isometric equipment		N/A
6.14	Testing of the heart rate measurement system		N/A
6.15	Testing of the heart rate control mode		N/A
6.16	Testing of intrinsic loading Carry out the test quasi-statically. Apply the load F in the most onerous position when used according to the instructions in the user's manual on a surface area of 300 mm × 300 mm for 5 min on the stationary training equipment.		N/A

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6.17	Testing of extrinsic loading Carry out the test quasi-statically. Apply the load F in the most onerous position when used according to the instructions in the user's manual for 5 min on the stationary training equipment. Place the determined load on the equipment as in normal practice and in a position which imposes greatest strain on the equipment		P
6.18	Testing of care and maintenance, assembly instructions, general instructions for use and marking		P

EUT PHOTOS

Fig.01

***** End of Report *****