

**Test Report** No.: CZHL2105002491SP

**Date:** Nov 12, 2021

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ZHONGHONG (TANG SHAN) CONSTRUCTION ENGINEERING CO., LTD  
NO.35, RONGCHENG ROAD, LUTAI ECONOMIC DEVELOPMENT ZONE

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : BARBELL RACK  
Style No. : A91-070  
Item No. : A91-070  
SGS No. : CZXHL21000505201  
SGS Ref. No. : TJHL2105502417PG

\*\*\*\*\*

Sample Receiving Date : May 24, 2021  
Testing Period : May 24, 2021 to Nov 12, 2021  
Resubmitted Sample Date : Nov 01, 2021  
Replenishment Testing : Nov 01, 2021 to Nov 12, 2021  
Period  
Testing Performed : Follow selected test(s) as requested by client.

|   | Test Requirement                                                                                                                                                                     | Conclusion                 |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 1 | Stationary Training Equipment. Part 1: General Safety Requirements And Test Methods (ISO 20957-1:2013) (Equivalent to BS EN ISO 20957-1:2013; EN ISO 20957-1:2013)                   | Pass                       |
| 2 | With reference to Strength Training Benches, Additional Specific Safety Requirements And Test Methods (ISO 20957-4:2016) (Equivalent to BS EN ISO 20957-4:2016; EN ISO 20957-4:2016) | Meet client's requirements |

\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*



Berix Li

Authorized Signatory



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**1. Stationary Training Equipment. Part 1: General Safety Requirements And Test Methods (ISO 20957-1:2013) (Equivalent to BS EN ISO 20957-1:2013; EN ISO 20957-1:2013) (Excluding Clause 5.15, 5.16, 5.17, 5.18)**

- a) Number of Tested Specimen: 1 piece of sample
- b) Usage class: Class H
- c) Accuracy class: Class C
- d) Maximum loading specified by manufacturer: 200kg
- e) Test Result: Details shown as following table.

| Clause                       | Test Description                                                                                                                  | Result |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|
| <b>5 Safety Requirements</b> |                                                                                                                                   |        |
| 5.1                          | General                                                                                                                           | -      |
| 5.2                          | Stability Of Equipment                                                                                                            | N/A    |
| 5.3.1                        | External Construction, Edges And Corners                                                                                          | Pass   |
| 5.3.2                        | External Construction, Tube Ends                                                                                                  | Pass   |
| 5.3.3                        | External Construction, Squeeze And Shear Points Within The Accessible Hand And Foot Area                                          | N/A    |
| 5.3.4                        | External Construction, Squeeze And Shear Points As Well As Rotating And Reciprocating Points In The Accessible Hand And Foot Area | N/A    |
| 5.3.5                        | External Construction, Weights And Resistant Means                                                                                | N/A    |
| 5.4                          | Entrapment Of The User                                                                                                            | N/A    |
| 5.5                          | Adjustment Components And Locking Mechanisms                                                                                      | Pass   |
| 5.6.1                        | Ropes, Belts, Chains And Attachment Components, General                                                                           | N/A    |
| 5.6.2                        | Ropes, Belts, Chains And Attachment Components, Ropes And Belts                                                                   | N/A    |
| 5.6.3                        | Ropes, Belts, Chains And Attachment Components, Rope And Belt Guides                                                              | N/A    |
| 5.7                          | Pull-In Points                                                                                                                    | N/A    |
| 5.8.1                        | Hand Grips, Integral Handgrips                                                                                                    | N/A    |
| 5.8.2                        | Hand Grips, Applied Handgrips                                                                                                     | N/A    |
| 5.8.3                        | Hand Grips, Rotating Handgrips                                                                                                    | N/A    |
| 5.9                          | Endurance Test                                                                                                                    | N/A    |
| 5.10                         | Isometric Test Requirements                                                                                                       | N/A    |
| 5.11                         | Heart Rate Measurement System                                                                                                     | N/A    |



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| Clause | Test Description             | Result |
|--------|------------------------------|--------|
| 5.12   | Heart Rate Control Mode      | N/A    |
| 5.13   | Electrical Safety            | N/A    |
| 5.14.1 | Loading, Intrinsic Loading   | N/A    |
| 5.14.2 | Loading, Extrinsic Loading   | Pass   |
| 5.15   | Care And Maintenance         | Pass   |
| 5.16   | Assembly Instructions        | Pass   |
| 5.17   | General Instructions For Use | Pass   |
| 5.18   | Marking                      | Pass   |

**2. With reference to Strength Training Benches, Additional Specific Safety Requirements And Test Methods (ISO 20957-4:2016) (Equivalent to BS EN ISO 20957-4:2016; EN ISO 20957-4:2016)**

- a) Number of Tested Specimen: 1 piece of sample
- b) Usage class: Class H
- c) Accuracy class: Class C
- d) Maximum loading specified by manufacturer: 200kg
- e) Test Result: Details shown as following table

| Clause                       | Test Description                                                                                   | Result |
|------------------------------|----------------------------------------------------------------------------------------------------|--------|
| <b>5 Safety Requirements</b> |                                                                                                    |        |
| 5.2.1                        | Benches With Fixed Barbell Supports, Stability Of The Barbell                                      | N/A    |
| 5.2.2                        | Benches With Fixed Barbell Supports, Lateral Stability Of Benches With Fixed Barbell Supports      | N/A    |
| 5.2.3                        | Benches With Fixed Barbell Supports, Longitudinal Stability Of Benches With Fixed Barbell Supports | N/A    |
| 5.3                          | Free-Standing Barbell Supports                                                                     | Pass   |
| 5.4                          | Dimensions Of The Barbell Support                                                                  | Pass   |
| 5.5                          | Barbell Support Strength And Stability                                                             | N/A    |
| 5.6                          | Loading                                                                                            | Pass   |
| 5.7                          | Barbell Support                                                                                    | Pass   |



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Photo Appendix

Photo relative to overall specimen:



Received Sample

Result/Rating/Record Key(s)

- I. Result/Rating Keys: P = Pass = Meet; F = Fail = Not Meet; N/A = Not applicable = Not suitable; NR = NC = Test not conduct/requested per client request; TT = Test terminated due to the earlier failure of last test.
- II. Record Keys: "C:" means Claimed parameter; "A:" means Actual recorded from test; "D:" means Data for reference only.

General Report Note(s)

- A. N.B. Only applicable clauses were shown.
- B. (1) 1mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL) (4) "-" = Not Regulated
- C. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
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