

Test Report No.: GZHL1802006356BC Date: Feb 11, 2018 Page 1 of 3

DENGFU SPORTS EQUIPMENT CO., LIMITED BUILDING 2, JIEPAI INDUSTRIAL PARK, NO.2, XINFENG ROAD, PINGDI STREET, LONGGANG DISTRICT, SHENZHEN CITY P.R.CHINA

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

Sample Description : R02 ROAD FRAME

Style / Item No. : R02

Buyer : DENGFU SPORTS EQUIPMENT CO., LIMITED

Country of Origin : CHINA

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Nov 22, 2017

1ST Sample Resubmission Date : Dec 27, 2017

2ND Sample Resubmission Date : Jan 08, 2018

3RD Sample Resubmission Date : Jan 23, 2018

Test Performing Date : Nov 22, 2017 to Feb 07, 2018

Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of Guangzhou Branch SGS-CSTC Ltd.

Arthur Mak

Approved Signatory



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Test Conducted:

Partial tests of ISO 4210:2015 Cycles - safety requirements for bicycles - Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles

1. Bicycle type: Racing bicycle

2. Number of Tested Sample: 1 piece of frame

3. Test Result:

Clause	Test Item	Test Requirement				Test Result
4.8	Frames					
4.8.2	Frame - Impact test (falling mass)	When tested by the method described in ISO 4210-6:2014, 4.1, there shall be no visible cracks or fractures of the frame. The permanent deformation measured between the axis of the wheel axles (the wheelbase, see ISO 4210-6:2014, 4.1 and ISO 4210-6:2014, Figure 1) shall not exceed the following values: a) 30 mm where a fork is fitted; b) where a dummy fork is fitted in place of a fork, the values are				Pass
	given in Table 5. Table 5 — The values of permanent deformation (falling mass) Dimensions in millimetre					
		Bicycle type City and trekking bicycles	Young adult bicy- cles	Mountain bicycles	Racing bicycles	
		Permanent deformation 10	10	10	15	
4.8.4	Frame - Fatigue test with pedalling forces	When tested by the method described in ISO 4210-6:2015, 4.3, there shall be no visible cracks or fractures in any part of the frame and there shall be no separation of any parts of the suspension system. For composite frames, the running displacements (peak-to-peak values) at the points where the test forces are applied shall not increase by more than 20 % of the initial values (see ISO 4210-3:2014, 4.6).				Pass (Test frequency:1Hz)
4.8.5	Frame - Fatigue test with horizontal forces	When tested by the method described in ISO 4210-6:2015, 4.4, there shall be no visible cracks or fractures in the frame and there shall be no separation of any parts of any suspension system. For composite frames, the running displacement (peak-to-peak value) at the point where the test forces are applied shall not increase by more than 20 % of the initial values (see ISO 4210-3:2014, 4.6).				Pass (Test frequency:2Hz)
4.8.6	Frame - Fatigue test with a vertical force	When tested by the method described in ISO 4210-6:2015, 4.5, there shall be no visible cracks or fractures in the frame and there shall be no separation of any parts of the suspension system. For composite frames, the running displacement (peak-to-peak value) at the point where the test forces are applied shall not increase by more than 20 % of the initial value (see ISO 4210-3:2014, 4.6).				Pass (Test frequency:1Hz)



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Remark:

- 1. The detailed test sequence was clause $4.8.6 \rightarrow$ clause $4.8.4 \rightarrow$ clause $4.8.4 \rightarrow$ clause 4.8.2.
- 2. This test report is issued based on the modification of the original No. GZHL1711052481BC test report issued on Feb 08, 2018. And the original report is still valid. According to applicant's requirements, following changes are included:
 - a. Change of applicant's name.
 - b. Change of applicant's address.
 - c. Change of Buyer.
 - d. Dele the Country of Destination.

PHOTO APPENDIX





End of Report



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