

**Test Report** 

#### No.: GZHL1802006355BC

Date: Feb 11, 2018

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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	:	M06 MOUNTAIN FRAME
Style / Item No.	:	M06
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
Test Performing Date	:	Nov 22, 2017 to Dec 29, 2017
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: Mountain bicycle
- 2. Number of Tested Sample: 1 piece of frame
- 3. Test Result:

Test Item	Те	Test Result			
Frames					
Frame - Impact test (falling mass)	there shall be no visible c The permanent deformation wheel axles (the wheelbac 4210-6:2014, Figure 1) sh a) 30 mm where a fork is b) where a dummy fork is given in Table 5.	Pass			
	Bicycle type City and trekking	Young adult bicy-	Mountain bicycles	Racing bicycles	
	Permanent deforma- tion 10	10	10	15	
Frame - Fatigue test with pedalling forces	there shall be no visible c frame and there shall be r suspension system. For composite frames, the values) at the points wher	Pass (Test frequency:1Hz)			
Frame - Fatigue test with horizontal forces	there shall be no visible c there shall be no separati system. For composite frames, the value) at the point where increase by more than 20	Pass (Test frequency:2Hz)			
Frame - Fatigue test with a vertical force	When tested by the method there shall be no visible co there shall be no separation system. For composite frames, the value) at the point where	Pass (Test frequency:1Hz)			
	Frames   Frame - Impact   test (falling mass)   Frame - Fatigue   test with pedalling   forces   Frame - Fatigue   test with horizontal   forces   Frame - Fatigue   test with horizontal   forces	FramesFrame - Impact test (falling mass)When tested by the method there shall be no visible c The permanent deformation wheel axles (the wheelbast 4210-6:2014, Figure 1) shallow and there and there and there and there are a dummy fork is given in Table 5. Table 5 - The valuesFrame - Fatigue test with pedalling forcesBicycle type Citry and trekking bicyclesFrame - Fatigue test with pedalling forcesWhen tested by the method there shall be no visible c frame and there shall be no visible c there shall be no visible c there shall be no vis	FramesFrame - Impact test (falling mass)When tested by the method described there shall be no visible cracks or frac The permanent deformation measured wheel axles (the wheelbase, see ISO 4210-6:2014, Figure 1) shall not excert a) 30 mm where a fork is fitted; b) where a dummy fork is fitted in plac given in Table 5. Table 5 - The values of permanent deformationFrame - Fatigue test with pedalling forcesWhen tested by the method described there shall be no visible cracks or frac trace and there shall be no separation suspension system. For composite frames, the running dis values) at the points where the test for increase by more than 20 % of the init 3:2014, 4.6).Frame - Fatigue test with horizontal forcesWhen tested by the method described there shall be no visible cracks or frac there shall be no separation of an	FramesFrame - Impact test (falling mass)When tested by the method described in ISO 4210 there shall be no visible cracks or fractures of the fr The permanent deformation measured between the wheel axles (the wheelbase, see ISO 4210-6:2014 4210-6:2014, Figure 1) shall not exceed the followi a) 30 mm where a fork is fitted; b) where a dummy fork is fitted in place of a fork, th given in Table 5. Table 5 - The values of permanent deformation (falling ma Discrete typeFrame - Fatigue test with pedalling forcesWhen tested by the method described in ISO 4210 there shall be no visible cracks or fractures in any p frame and there shall be no separation of any parts suspension system. For composite frames, the running displacements ( values) at the point where the test forces are appli increase by more than 20 % of the initial values (se 3:2014, 4.6).Frame - Fatigue test with horizontal forcesWhen tested by the method described in ISO 4210 there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no visible cracks or fractures in the fi there shall be no	Frames 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 axies (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 given in Table 5.   Trable 5 - The values of permanent deformation (falling mass)   Permanent deforming 10 15   Dimension in millimeters   Permanent deforming 10 15   Trable 5 - The values of permanent deformation (falling mass)   Dimension in millimeters   Trame - Fatigue When tested by the method describe



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### **Remark:**

- 1. The detailed test sequence was clause  $4.8.5 \rightarrow$  clause  $4.8.6 \rightarrow$  clause  $4.8.4 \rightarrow$  clause 4.8.2.
- 2. This test report is issued based on the modification of the original No. GZHL1711052482BC
- test report issued on Jan 02, 2018. And the original report is still valid. According to applicant's requirements, following changes are included:

PHOTO APPENDIX

- a. Change of applicant's name.
- b. Change of applicant's address.
- c. Change of Buyer.
- d. Dele the Country of Destination.



### Sample as received



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



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