


Template Number: <b>0000083997</b>		Bicycle Department		 <b>SPECIALIZED</b>			
Revision: <b>004</b>		<h1>TEST REPORT</h1> <p>Do not copy or distribute. The information contained herein is confidential and proprietary, and is not to be disseminated without express written permission of Specialized.</p>					
Report Code:	2213JulWH04	Requested By:	Marco Orban				
Report Date:	13-Jul-22	Report By:	White Hsieh				
Agile Number:	0000180777	Rev:	R2				
Manufacturer:	LEE CHI CHINA	Material:	Aluminum				
Manufacturer Part #:	HB-3188SP-R100	Width:	680mm				
		TPD Agile #	NA	TPD Rev:		NA	
Description:		Handlebar Vertical Fatigue Test, HDB FAT (SBC)			HDB FAT		
<b>Test Setup and Parameters</b>		<b>Grade</b>					
<ul style="list-style-type: none"> <li>For test setup information, see SBC Procedure: 0000083998 (MTB) / 0000083999 (ROAD)</li> <li>See table for test grade and cycles</li> </ul>		SBC City	SBC Grade 1	SBC Grade 2	SBC Grade 4	SBC Grade Road	
Load (N)		+300/-490	±490	±610	±735	±490	
Cycles		50,000	50,000	50,000	50,000	100,000	
Stem width:		45mm					
<b>Test Report Instructions</b>							
1. Fill in table below with test information. 2. Insert Photographs in Pictures tab of report (see Pictures tab for instructions) 3. Record whether or not test specimen satisfies test criteria. 4. Create PDF version of test report. Distribute to test requestor and archive.							
This Test Meets or Exceeds:		<b>SBC Proprietary Test</b>					
Serial Number	Weight (g)	Test ID	Grade	Cycles	Initial Displacement Limits (mm)	Percent Δ (Peak-Peak)	
no serial number	425.6	LIMS-20829	SBC Grade 1	75,000	4.76		-5.14
		Date			Final Displacement Limits (mm)		
		12-Jul-22			4.80	-5.18	0.8%
Failure Description				Previous Testing on Specimen (Test Description, Cycles, Test Report Code)			
TSNF				None			
Criteria:	No fractures or visible deformation shall be present in the specimen <b>Composite Handlebars:</b> Running displacement during fatigue (peak-to-peak value) shall not increase by more than 20 % from the initial values.				Does specimen satisfy criteria?  <div style="font-size: 2em; color: red; text-align: center;">YES</div>		
Comments:							
<b>Change Control Information</b>							
Revision Number	Change Date	Description				Responsible	
1	05 OCT 2017	Production Released				D. Chu	
2	09 OCT 2019	Add in "Save As" Button to generate file name				H. Huy	
3	20 AUG 2021	Add in "TPD Rev" field				H. Huy	
4	25 OCT 2021	Correct displacement percentage calculation				Jacky Cheng	

Insert Photographs listed below:

- Photograph of full test specimen.
- Close-up photograph(s) that clearly show each crack, fracture, or other area of interest.
  - If the crack is only visible under load, the photo should be taken while specimen is under load
- Add notes to photos describing failures, failure locations, and/or areas of interest.

