



Cycling and Health Tech Industry R&D Center, Testing Laboratory

No. 17, 37 Rd., Taichung Industry Park, Taichung, Taiwan, 40768

TEL : 886-4-23501100 FAX : 886-4-23502752

Test Report



Contract No : 07102202-3

Issue Date : Nov. 28, 2007

Applicant : TMS Technology Precision CO., LTD.

Address: No. 259-6, Fuying Rd., Hsin Chuang City, Taipei Hsien
Taiwan, R.O.C.

Product: Front fork

Model : TM-1

Test Method : Reference BS EN 14764 : 2005 City and
trekking-bicycles-safety requirements and test methods,
Sec. 4.9.6 Front-fork - bending fatigue test.

Note: (1)The product is supplied by the applicant which has been tested by CHC and the test result is shown in this test report.

(2)This test report is responsible only for the tested product, not for the suit.

(3)This test report has 3 pages which shall not be abstracted and partial copied.

(4)There is only one test report for the applicant.

Approved by : *Shir Chang*

Tested by : *chen*



FORM NO : RI 20-01



CHC

財團法人自行車暨健康科技工業研究發展中心
Cycling & Health Tech Industry R&D Center

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1. Test item : Bending fatigue test.

2. Test standard: Reference BS EN 14764 : 2005 City and trekking-bicycles-safety requirements and test methods, sec 4.9.6 Front-fork - bending fatigue test.

3. Test equipment: Fatigue test system.(C7)

4. Test method(shown in Fig.1) :

- a). The test apparatus of the fork is shown in Fig.1.
- b). The bending fatigue test forces of $\pm 600\text{N}$ for 100,000 cycles frequency 3 Hz and the force directions are shown in Fig. 1.
- c). For carbon-fibre forks, the peak deflections in either direction from the mean position shall not increase by more than 20 % of the initial value.

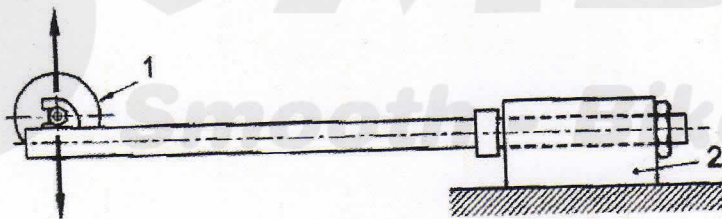


Fig 1 Bending fatigue test

5. Test result:

Bending fatigue test: The tested fork has no crack or fracture by the test. (Fig.2).



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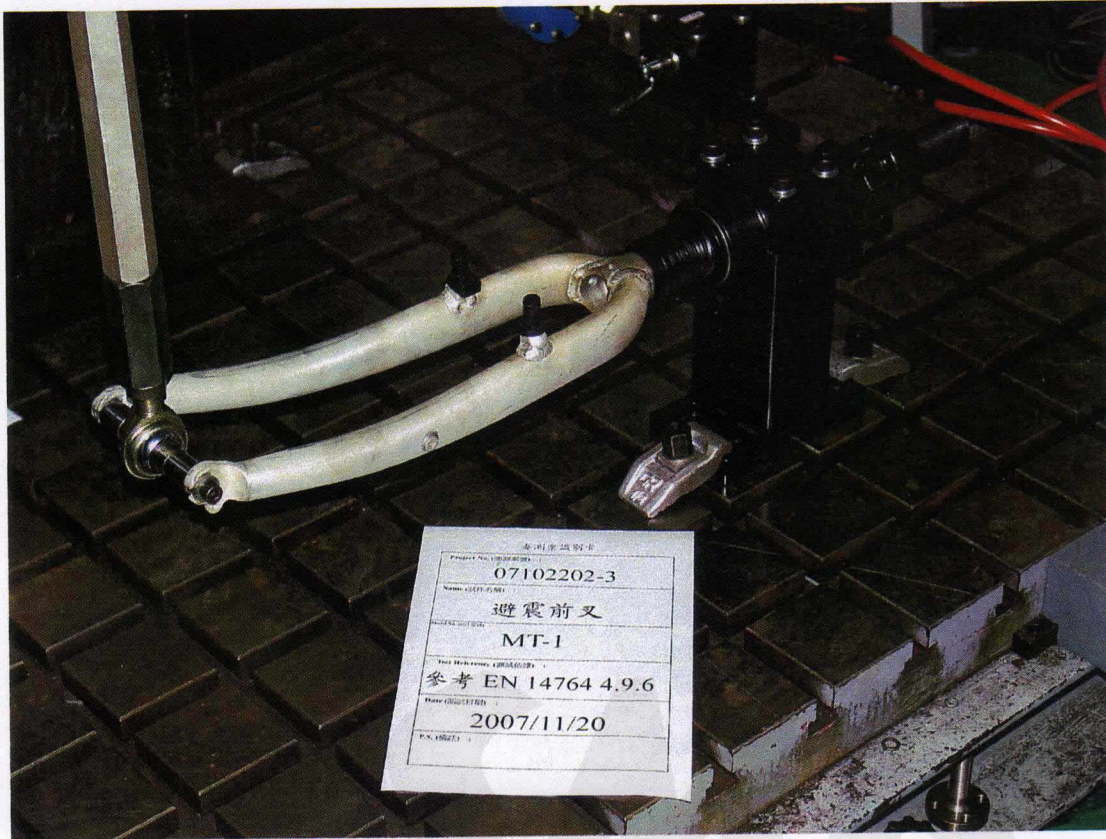


Fig. 2 Bending fatigue test

Null below

Smooth - Bike



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