



LABS & TESTING SECTION

RESEARCH & DEVELOPMENT CENTRE FOR BICYCLE & SEWING MACHINE

(UNDP/UNIDO Assisted Punjab Govt. Project)

B-38-39, Focal Point, Phase V, Ludhiana-141010 (INDIA)

TEST CERTIFICATE

2K 24/06

1774

Report No. : 26NN0799 Date of Issue : 05/08/2025
Customer Name : M/s DLYFT India LLP, Date of Receipt : 05/08/2025
Address : Plot No- 264, Hsiidc, Kutana, Date of Testing : 05/08/2025
Rohtak, Haryana Work Order No : 25AG-25/25AUG-17
Sample Description : Suspension fork 27.5" Location : Labs & Testing Section
Test conducted : As requested by the customer, for details refer to attached page(s)

Conclusion :

Tested sample

Standard / Test Method

Results

Submitted samples

ISO 4210-2:2023 (E) - Cycles- Safety requirements for Bicycles.

- As per clause 4.9.7 of ISO 4210-2:2023 Front fork – Bending fatigue test plus rearward impact test

Satisfactory

* Addition, Deviation, Exclusion - N/A

Customer's Ref : Model Name – DLYFT

Test Conducted

Test on Suspension fork :-

As per ISO 4210-2:2023(E), the submitted sample was tested as follows:

Bicycle category: **City and trekking bicycle** (as specified by customer).

Number of sample tested: One pc.

Initial Inspection: No damage was found.

Test result summary:

Clause	Requirements / Test Method	Observation	Result
4.9.7	Front fork — Bending fatigue test plus rearward impact test When tested by the method described in ISO 4210-6:2023, 5.5, there shall be no fractures in any part of the fork, and the permanent deformation, measured as the displacement of the axis of the wheel axle or simulated axle in relation to the axis of the fork steerer, shall not exceed 45 mm. For composite forks, the running displacement (peak-to-peak value) at the points where the test forces are applied shall not increase by more than 20% for rigid forks or more than 40 % for suspension forks from the initial values.	No fracture observed in any part of the fork after the test Permanent deformation = 28 mm	Satisfactory



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TEST CERTIFICATE

Report No. : 25NN0799

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Test Conducted

Submitted samples



Picture 1

End of Certificate

This certificate is issued for the submitted samples only.

Laboratory is responsible for the technical content of the test certificate.

Submitted samples have been tested as per reference documents.

Full or part of this certificate can't be reproduced or presented in the court of law without the written permission of this office.

Submitted Samples are retained with this lab for maximum 90 days only from the issue date of test certificate.

All disputes are subject to Ludhiana jurisdiction only.

Analyse By
M Singh
05/08/2025

Reviewed By
Authorised Signatory
05/08/2025
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