



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)

2K 24/06

1881

TEST CERTIFICATE

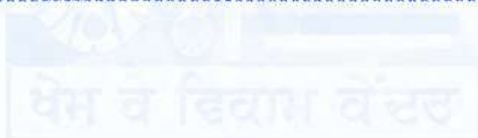
Report No. : 25NN0859 Date of Issue : 03/09/2025
Customer Name : M/s DLYFT India LLP, Date of Receipt : 02/09/2025
Address : Plot No- 264, Hsiidc, Kutana Date of Testing : 03/09/2025
Rohtak, Haryana Work Order No : 25SE-09/25SEP-05
Sample Description : Frame 29T Location : Labs & Testing Section
Test 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 4.8.2 of ISO 4210-2:2023 Frame – Impact test (falling mass)	Satisfactory
	- As per clause 4.8.3 of ISO 4210-2:2023 Frame and front fork assembly – Impact test (falling frame)	Satisfactory

* Addition, Deviation, Exclusion - N/A.

Customer Ref : Alloy frame 29T, Dr num 297.
Test conducted by using dummy fork.





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Date of Issue : 03/09/2025

Test Conducted

Test on Frame :-

As per ISO 4210-2:2023(E), the submitted samples were 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				
4.8 4.8.2	Frames Frame — Impact test (falling mass) When tested by the method described in ISO 4210-6:2023, 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 4210-6:2023, 4.1 shall not exceed the following values: b) where a dummy fork is fitted in place of a fork, the values are given in Table 4. Table 4 — Values of permanent deformation (falling mass) Dimensions in millimeters <table><tr><th>Bicycle type</th><th>City and trekking bicycle</th></tr><tr><td>Permanent deformation</td><td>10</td></tr></table>	Bicycle type	City and trekking bicycle	Permanent deformation	10	No visible crack or fracture observed on the frame & Permanent deformation = 05 mm	Satisfactory
Bicycle type	City and trekking bicycle						
Permanent deformation	10						
4.8.3	Frame and front fork assembly — Impact test (falling frame) When tested by the method described in ISO 4210-6:2023, 4.2, there shall be no visible cracks or fractures in the assembly, and after the second impact, there shall be no separation of any parts of any suspension system. The permanent deformation measured between the axis of the wheel axles shall not exceed the values specified in Table 5. Table 5 — Values of permanent deformation (falling frame) Dimensions in millimeters <table><tr><th>Bicycle type</th><th>City and trekking bicycle</th></tr><tr><td>Permanent deformation</td><td>60</td></tr></table>	Bicycle type	City and trekking bicycle	Permanent deformation	60	No visible crack or fracture observed in the assembly & Permanent deformation = 06 mm	Satisfactory
Bicycle type	City and trekking bicycle						
Permanent deformation	60						



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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.

M. Singh
Analysed By
03/09/2025

Centre For Bicycle & Sewing
Reviewed By *03/09/2025*
Authorised Signatory