

**TEST REPORT**

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|--|--------------------|---|
| Customer : M/s.Scolarian Bicycles Pvt Ltd No: 42, Aishwarya Nagar,P.N.Pudur Coimbatore-641041 | Report No / Date | ML/26172/1/17-18 Dt-25 Dec 2017 |
| | Your ref./ Date | Letter Dt-18 Dec 2017 |
| | Our ref./ Date | TOCR :26172/17-18 Dt: 19 Dec 2017 |
| | Date of Testing | 19 Dec 2017 - 25 Dec 2017 |
| | Sample Drawn By | Customer |
| | Sample Description | Square Tube Size: 25.4mm X 1.25mm Material: AISI 4130 Qty: 1No |

| 1 | Chemical Analysis (Fe) | ASTM E415-2015 | |
|---|------------------------|-----------------|-------------|
| | Test Parameters | Specified Value | Observation |
| | Carbon (C) (%) | 0.28-0.33 | 0.283 |
| | Silicon (Si) (%) | 0.15-0.30 | 0.251 |
| | Manganese (Mn) (%) | 0.40-0.60 | 0.542 |
| | Phosphorus (P) (%) | 0.035 max | 0.009 |
| | Sulphur (S) (%) | 0.040 max | <0.001 |
| | Chromium (Cr) (%) | 0.80-1.10 | 0.945 |
| | Molybdenum (Mo) (%) | 0.15-0.25 | 0.191 |

Remarks : The above chemical composition meets the requirement of SAE Grade 4130

| 2 | Tensile Test | ASTM A370-2016 | |
|---|---|----------------|--|
| | Test Parameters | Observation | |
| | Yield Strength (N/mm ² or Mpa) | 692 | |
| | Tensile Strength (N/mm ² or Mpa) | 733 | |
| | Elongation in 50mm GL (%) | 7 | |

Verified By :



End of the test report

For MICROLAB

S.R. Balasubramaniam, M.E., (Met. Engg)
Authorized Signatory



NOTE : This report relates only to the particular sample submitted for test • Any correction in the report will invalidate this report • Samples will be destroyed after 15 days from date of completion of tests unless informed by the customer • Any complaints about this report should be communicated in writing with in 7 days form the date of receipt of report • This report cannot be reproduced except in full • Sample description is given as described by the customer • Sampling is not carried out by the laboratory.