

**BHARTIYA ENTERPRISES****Material Testing Laboratory**

Plot No.-254, Sector-24, Faridabad-121005 (India)

Tel. : +91-129-4061739, Mob. : 9871299112, 9810760405



TC - 5739

**Bhartiya**
**Test Report**

Report No.-ULR : TC573925000006540F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.  
 Issue Date : 28/02/2025 Customer : 133,M.I.A. ALWAR (RAJ.)-301001  
 Job Order.No. : 6701  
 Sample Receipt Date : 27/02/2025 Sample Description : ROUND DIA 70mm  
 H.NO.54187 GR.35CrMn5

Discipline / Group : CHEMICAL- METALS &amp; ALLOYS

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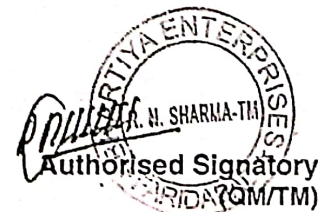
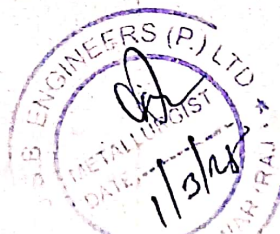
Reference No.	6601
Date of Analysis	28-02-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.390
Silicon	0.262
Manganese	1.093
Chromium	1.270
Nickel	0.021
Molybdenum	0.005
Vanadium	0.004
Copper	0.009
Aluminium	0.029
Sulphur	0.025
Phosphorus	0.016
Boron	0.0002
Titanium	0.006
Niobium	0.004

Specification for 35CrMn5	
Min %	Max %
0.33	0.40
0.15	0.40
0.80	1.10
1.00	1.30
.....	0.30
.....	0.10
.....	.....
.....	0.30
0.020	0.050
0.015	0.030
.....	0.020
.....	0.0005
.....	.....
.....	.....

**Statement of Conformity :-** Sample conforms to Steel Grade 35CrMn5 (Specified by Customer) with respect to above test results only.

Checked by :



- Notes: 1. Sample not drawn by us. Analysis conducted on "As received basis" unless specified otherwise. Sample will be retained only for 15 days.  
 2. The results listed refer only to the tested sample and applicable parameters. Endorsement of product is neither inferred nor implied.  
 3. Measurement uncertainty and associated risks are not taken into account when reporting statement of conformity as agreed by the customer.  
 4. This report can not be used as an evidence in the court of law, and shall not be reproduced except in full, without the written approval of Laboratory.  
 5. Total liability of our works is limited to the Invoiced amount only.

E-mail : bhartiylab@gmail.com



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