

BHARTIYA ENTERPRISES**Material Testing Laboratory**

Plot No.-254, Sector-24, Faridabad-121005 (India)
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TC - 5739

Bhartiya
Test Report

Report No.- : ULR TC573925000010585F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
Issue Date : 04/04/2025 Customer : 133, M.I.A. ALWAR (RAJ.)-301001
Job Order No. : 10809
Sample Receipt Date : 04/04/2025 Sample Description : ROUND DIA 60.0mm
H.NO.54936 GR.16MnCr5

Discipline / Group : CHEMICAL- METALS & ALLOYS

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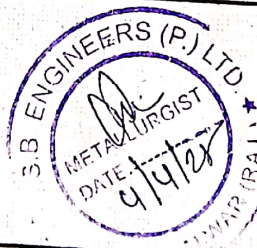
Reference No.	10709
Date of Analysis	04-04-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.178
Silicon	0.282
Manganese	1.290
Chromium	1.056
Nickel	0.024
Molybdenum	0.004
Vanadium	0.006
Copper	0.011
Aluminium	0.025
Sulphur	0.027
Phosphorus	0.015
Boron	0.0003
Titanium	0.004
Niobium	0.003

Specification for 16MnCr5	
Min %	Max %
0.13	0.18
0.15	0.40
1.00	1.30
0.80	1.10
.....	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 16MnCr5 (Specified by Customer) with respect to above test results only.

Checked by : *N. M. Singh*



- 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.

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