

**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 : TC573925000006538F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.  
Customer : 133,M.I.A. ALWAR (RAJ.)-301001

Issue Date : 28/02/2025

Job Order No. : 6699

Sample Receipt Date : 27/02/2025

Sample Description : ROUND DIA 60mm

H.NO.54218 GR.16MnCr5

Discipline / Group : CHEMICAL- METALS &amp; ALLOYS

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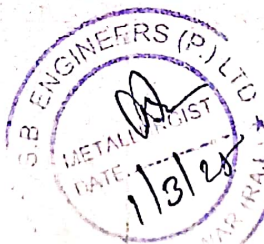
Reference No.	6599
Date of Analysis	28-02-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.173
Silicon	0.288
Manganese	1.245
Chromium	1.036
Nickel	0.017
Molybdenum	0.002
Vanadium	0.003
Copper	0.009
Aluminium	0.030
Sulphur	0.025
Phosphorus	0.017
Boron	0.0003
Titanium	0.005
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.

*Nurey*  
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.

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