

**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 : TC57392500006537F 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. : 6698  
 Sample Receipt Date : 27/02/2025 Sample Description : ROUND DIA 60mm  
 H.NO.54217 GR.16MnCr5

Discipline / Group : CHEMICAL- METALS &amp; ALLOYS

Page 1 of 1

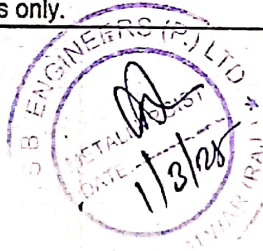
Reference No.	6598
Date of Analysis	28-02-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.172
Silicon	0.280
Manganese	1.246
Chromium	1.025
Nickel	0.018
Molybdenum	0.003
Vanadium	0.003
Copper	0.009
Aluminium	0.030
Sulphur	0.026
Phosphorus	0.016
Boron	0.0004
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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