

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 : TC573925000007875F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
 Issue Date : 12/03/2025 Customer : 133, M.I.A. ALWAR (RAJ.)-301001
 Job Order No. : 8274
 Sample Receipt Date : 11/03/2025 Sample Description : ROUND DIA 70mm
 H.NO.54445 GR.20MnCr5

Discipline / Group : CHEMICAL- METALS & ALLOYS

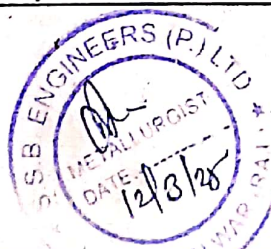
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Reference No.	8174
Date of Analysis	12-03-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.183
Silicon	0.229
Manganese	1.243
Chromium	1.207
Nickel	0.021
Molybdenum	0.002
Vanadium	0.004
Copper	0.009
Aluminium	0.025
Sulphur	0.020
Phosphorus	0.016
Boron	0.0002
Titanium	0.005
Niobium	0.004

Specification for 20MnCr5	
Min %	Max %
0.15	0.20
0.15	0.40
1.00	1.30
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 20MnCr5 (Specified by Customer) with respect to above test results only.

Checked by : *Nuraj*

- 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

