

BHARTIYA ENTERPRISES**Material Testing Laboratory**

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

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

**Bhartiya****Test Report**

Report No:-ULR : TC573925000006536F 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. : 6697
 Sample Receipt Date : 27/02/2025 Sample Description : ROUND DIA 80mm
 H.NO.6638 GR.20MnCr5(B)

Discipline / Group : CHEMICAL- METALS & ALLOYS

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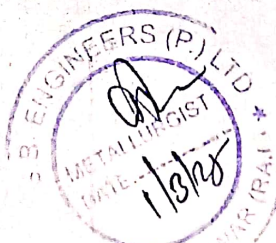
Reference No.	6597
Date of Analysis	28-02-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.173
Silicon	0.228
Manganese	1.296
Chromium	1.192
Nickel	0.114
Molybdenum	0.064
Vanadium	0.005
Copper	0.196
Aluminium	0.028
Sulphur	0.023
Phosphorus	0.018
Boron	0.0015
Titanium	0.005
Niobium	0.030

Specification for 20MnCr5(B)	
Min %	Max %
0.15	0.20
.....	0.40
1.00	1.30
1.00	1.30
.....	0.30
.....	0.12
.....
.....	0.30
0.020	0.050
0.020	0.035
.....	0.025
0.0010	0.0030
.....	0.005
.....

Statement of Conformity :- Sample conforms to Steel Grade 20MnCr5(B) (Specified by Customer) with respect to above test results only.

Checked by : *Nurey*



- 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

