

BHARTIYA ENTERPRISES

Material Testing Laboratory

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TC - 5739

Bhartiya

Test Report

Report No.-ULR : TC57392500006539F 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. : 6700
Sample Receipt Date : 27/02/2025 Sample Description : ROUND DIA 80mm
H.NO.53798 GR.20MnCr5HL

Discipline / Group : CHEMICAL- METALS & ALLOYS

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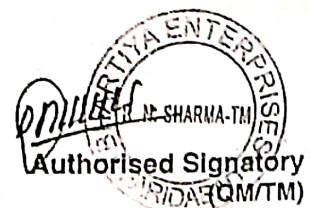
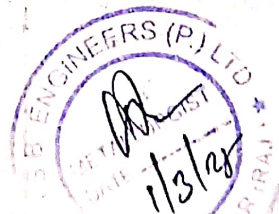
Reference No.	6600
Date of Analysis	28-02-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.193
Silicon	0.235
Manganese	1.278
Chromium	1.146
Nickel	0.017
Molybdenum	0.003
Vanadium	0.004
Copper	0.009
Aluminium	0.028
Sulphur	0.028
Phosphorus	0.020
Boron	0.0005
Titanium	0.005
Niobium	0.004

Specification for 20MnCr5 HL	
Min %	Max %
0.17	0.22
0.15	0.40
1.10	1.40
1.00	1.30
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.....
.....
.....	0.30
0.020	0.040
0.020	0.040
.....	0.035
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Statement of Conformity :- Sample conforms to Steel Grade 20MnCr5 HL (Specified by Customer) with respect to above test results only.

Nung
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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