

BHARTIYA ENTERPRISES**Material Testing Laboratory**

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

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**Test Report**

Report No.-ULR : TC57392500003578F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
 Issue Date : 04/02/2025 Customer : 133,M.I.A. ALWAR (RAJ.)-301001
 Job Order No. : 3729
 Sample Receipt Date : 04/02/2025 Sample Description : ROUND DIA 70.0mm
 H.NO.53635 GR.20MnCr5

Discipline / Group : CHEMICAL- METALS & ALLOYS

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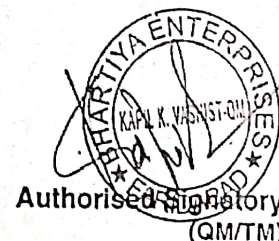
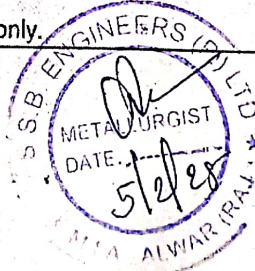
Reference No.	3629
Date of Analysis	04-02-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.173
Silicon	0.218
Manganese	1.234
Chromium	1.256
Nickel	0.015
Molybdenum	<0.002
Vanadium	0.004
Copper	0.010
Aluminium	0.023
Sulphur	0.024
Phosphorus	0.018
Boron	0.0003
Titanium	0.004
Niobium	0.002

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 :



- 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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