

**Test Report**

Report No.-ULR : TC573924000027691F

Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
Customer : 133,M.I.A. ALWAR (RAJ.)-301001

Issue Date : 03/09/2024

Job Order No. : 28084

Sample Receipt Date : 02/09/2024

Sample Description : ROUND DIA 50mm
H.NO.49983 GR.20MnCr5

Discipline / Group : CHEMICAL- METALS & ALLOYS

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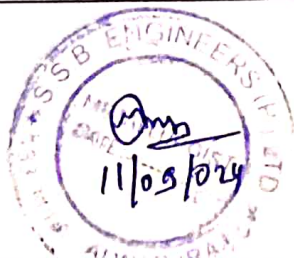
Reference No.	27984
Date of Analysis	02-09-2024
Test Method	OES/JIS G1253:2013

Test Results

Element	%
Carbon	0.182
Silicon	0.196
Manganese	1.253
Chromium	1.240
Nickel	0.021
Molybdenum	0.005
Vanadium	0.003
Copper	0.011
Aluminium	0.025
Sulphur	0.028
Phosphorus	0.016
Boron	0.0005
Titanium	0.003
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 : *Nancy*

- 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.