

BHARTIYA ENTERPRISES**Material Testing Laboratory**

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

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


Test Report

Report No.-ULR : TC573924000036329F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
 Customer : 133,M.I.A. ALWAR (RAJ.)-301001
 Issue Date : 29/11/2024
 Job Order No. : 36887
 Sample Receipt Date : 28/11/2024 Sample Description : ROUND DIA 50mm
 H.NO.50562 GR.20MnCr5

Discipline / Group : CHEMICAL- METALS & ALLOYS

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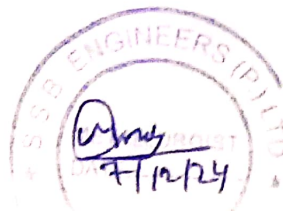
Reference No.	36787
Date of Analysis	28-11-2024
Test Method	OES/JIS G1253 2013

Test Results	
Element	%
Carbon	0.199
Silicon	0.207
Manganese	1.235
Chromium	1.240
Nickel	0.013
Molybdenum	<0.002
Vanadium	0.002
Copper	0.010
Aluminium	0.026
Sulphur	0.023
Phosphorus	0.016
Boron	0.0005
Titanium	0.004
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.

Nancy
 Checked by :



[Signature]
 Authorised Signatory
 (QM/TM)

- 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.