

BHARTIYA ENTERPRISES**Material Testing Laboratory**

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Test Report

Report No.-ULR : TC573924000031439F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
 Customer : 133,M.I.A. ALWAR (RAJ.)-301001
 Issue Date : 08/10/2024
 Job Order No. : 31759
 Sample Receipt Date : 07/10/2024 Sample Description : ROUND DIA 85mm
 H.NO.50090 GR.20MoCr4

Discipline / Group : CHEMICAL- METALS & ALLOYS

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Reference No.	31659
Date of Analysis	08-10-2024
Test Method	OES/JIS G1253:2013

Test Results

Element	%
Carbon	0.213
Silicon	0.241
Manganese	0.920
Chromium	0.535
Nickel	0.009
Molybdenum	0.482
Vanadium	0.002
Copper	0.011
Aluminium	0.035
Sulphur	0.028
Phosphorus	0.016
Boron	0.0004
Titanium	0.003
Niobium	0.002

Specification for 20MoCr4	
Min %	Max %
0.17	0.22
0.15	0.40
0.70	1.00
0.30	0.60
.....	0.30
0.40	0.50
.....
.....	0.30
0.020	0.050
0.015	0.030
.....	0.020
.....	0.0005
.....
.....

Statement of Conformity :- Sample conforms to Steel Grade 20MoCr4 (Specified by Customer) with respect to above test results only.

Nurey
 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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