

BHARTIYA ENTERPRISES

Material Testing Laboratory

Plot No.-254, Sector-24, Faridabad-121005 (India)
Tel. : +91-129-4061739, Mob. : 9871299112, 9810760405



Bhartiya

Test Report

Report No.-ULR : TC57392500006535F 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. : 6696
Sample Receipt Date : 27/02/2025 Sample Description : ROUND DIA 120mm
H.NO.8218 GR.SAE-1053H

Discipline / Group : CHEMICAL- METALS & ALLOYS

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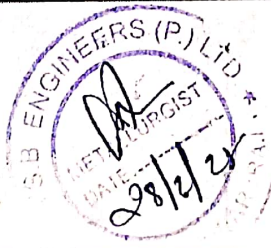
Reference No.	6596
Date of Analysis	28-02-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.495
Silicon	0.218
Manganese	0.820
Chromium	0.183
Nickel	0.062
Molybdenum	0.013
Vanadium	0.003
Copper	0.167
Aluminium	0.025
Sulphur	0.027
Phosphorus	0.020
Boron	0.0004
Titanium	0.014
Niobium	0.002

Specification for SAE1053H	
Min %	Max %
0.48	0.55
0.15	0.40
0.60	0.90
.....	0.25
.....	0.25
.....	0.06
.....
.....	0.25
0.020	0.050
0.015	0.035
.....	0.035
.....	0.0005
.....
.....

Statement of Conformity :- Sample conforms to Steel Grade SAE 1053H (Specified by Customer) with respect to above test results only.

Checked by : *Nurey*



R. N. SHARMA-TM
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 Involved amount only.

E-mail : bhartiyalab@gmail.com

