



TC - 5739

Bhartiya**Test Report**

Report No. : ULR TC57392500009720F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
 Issue Date : 27/03/2025 Customer : 133,M.I.A. ALWAR (RAJ.)-301001
 Job Order No. : 9899
 Sample Receipt Date : 26/03/2025 Sample Description : ROUND DIA 120mm
 H.NO.8358 GR.SAE-1053H

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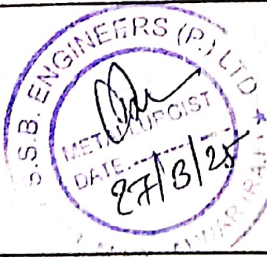
Discipline / Group : CHEMICAL- METALS & ALLOYS

Reference No.	9799
Date of Analysis	27-03-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.480
Silicon	0.208
Manganese	0.853
Chromium	0.182
Nickel	0.052
Molybdenum	0.015
Vanadium	0.002
Copper	0.122
Aluminium	0.024
Sulphur	0.021
Phosphorus	0.018
Boron	0.0004
Titanium	0.012
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*

- 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.

E-mail : bhartiylab@gmail.com



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