

BHARTIYA ENTERPRISES**Material Testing Laboratory**

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

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TC - 5739

Bhartiya
Test Report

Report No.- : ULR TC573925000010580F Issued to : M/s S.S.B. ENGINEERS PVT. LTD.
 Customer : 133,M.I.A. ALWAR (RAJ.)-301001
 Issue Date : 04/04/2025
 Job Order No. : 10804
 Sample Receipt Date : 04/04/2025 Sample Description : ROUND DIA 72.0mm
 H.NO.24D03248 GR.SAE-1018

Discipline / Group : CHEMICAL- METALS & ALLOYS

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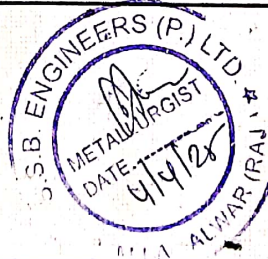
Reference No.	10704
Date of Analysis	04-04-2025
Test Method	OES/JIS G1253:2013

Test Results	
Element	%
Carbon	0.182 ✓
Silicon	0.188
Manganese	0.679 ✓
Chromium	0.019 ✓
Nickel	0.009 ✓
Molybdenum	<0.002 ✓
Vanadium	0.004 ✓
Copper	0.007 ✓
Aluminium	0.022 ✓
Sulphur	0.004 ✓
Phosphorus	0.019 ✓
Boron	0.0002
Titanium	0.004
Niobium	0.002

Specification for SAE 1018	
Min %	Max %
0.15	0.20
.....
0.60	0.90
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.....
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.....
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.....	0.050
.....	0.040
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.....
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Statement of Conformity :- Sample conforms to Steel Grade SAE 1018 (Specified by Customer) with respect to above test results only.

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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