



# CHEMICAL AND METALLURGICAL LABORATORIES

(Accredited by NABL ISO-IEC / 17025 Accreditation Certificate Nos. TC-7510 for Chemical and Mechanical Testing)

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NABLCertificate No. TC-7510



Member Ship No. : 546952



Member Ship No. : LM8669CH



Member Ship No. : M - 842



Member Ship No. : CO119

## TEST REPORT

Report No: CML/3007-1/KTC/2018-19  
Report Date: 09-03-2019  
Date of test Completion: 09-03-2019

Your D.C No: 122  
Date: 08-03-2019  
Sample recd. on: 08-03-2019

Name of the Customer : M/s. Kaizen Tools Corporation  
No, 217/9, 4<sup>th</sup> Main Road, 1<sup>st</sup> Cross,  
Hongasandra, Begur Road,  
Bangalore – 560 068

ULR(Unique Lab Report) No : TC751019000002059F

Nature of the Sample : Tool Steel Sample

Sample ID : **As Per Customer Reference**  
Sample No. 1 AISI-S1-Shock Resistant Steel

Test Method : As per JIS G 1253: RA 2013 & Spectro Manual

Type of Test : Chemical analysis by Optical Emission Spectrometer.

SPECIFIED VALUES as per AISI Gr.S1									
Elements	C	Mn	Si	P	S	*Cr	*V	Mo	W
Min %	0.40	0.10	0.15	---	---	1.00	0.15	----	1.50
Max %	0.55	0.40	1.20	0.030	0.030	1.80	0.30	0.50	3.00
TEST RESULTS									
% by Wt.	0.54	0.33	0.81	0.022	0.012	1.74	0.18	0.16	1.64

The above tested values conforms to AISI Gr.S1

\*The percentage range of element is not under our NABL Scope.

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Prepared by

Verified by

Authorized Signatory

CHEMIST

- Note : 1) This Test Report issued, refers only to the tested samples & tested parameters & not as an endorsement of products, Hence our liability in this is limited to the invoice total amount.
- 2) Tested balance samples if any, will be destroyed after 15 days from the date of issue of TestReport unless otherwise specified.
- 3) Reproduction of this Test Report either in full or in part or using this Report as an evidence in the court or using in any advertising media should not be done without our prior written permission.
- 4) Sampling is not done by CML