



Unitech Laboratories Services
 16, Samrat Industrial Area, B/h. S. T. Workshop
 Gondal Road, Rajkot-360 004 Gujarat, INDIA
M +91-84600 60450, 99742 01090, 79901 74169
E unitech_lab@yahoo.com



SINCE 2010

unitech®

TEST REPORT

You can always trust on our accuracy...

ULR -TC732225000003097F

Name of the Customer : ADVANCE TECHNOFORGE LIMITED	Lab No. : US/902/0125
Plot No. 01-06, Survey No. 121, Village: Padvala, Opp. Waterflow Piping System, Shapar-Veraval Ind. Area, Dist: Rajkot (Guj.) INDIA	Date of Reporting : 09/01/2025 Date of Smp. Receipt : 09/01/2025

Group : Chemical Testing of Metals and Alloys
Sub Group : Carbon steel and alloy steel
#Customer Reference No. : Challan No : AT25-237 Letter Date-09/01/2025
Condition of Sample : Cut Piece
Material Specification : EN 10083-2:2006 Gr. C45(1.0503)
#Identification of Sample : Size : 125.00 MM RCS / Batch No : 567L
#Type of Test : Chemical Analysis
Instrument Utilized : Optical Emission Spectrometer-Bruker- German make-Q4 TASMAN
Date of Testing : 09/01/2025
Test Method : ASTM E-415-21, JIS G-1253-2002

ELEMENTS	OBSERVATION	REQUIRED VALUE
% CARBON	0.458	0.42-0.50
% SILICON	0.215	0.40 max
% MANGANESE	0.761	0.50-0.80
% PHOSPHORUS	0.013	0.045 max
% SULPHUR	0.018	0.045 max
% CHROMIUM	0.009	0.40 max
% MOLYBDENUM	<0.001	0.10 max
% NICKEL	<0.005	0.40 max
% Cr+Mo+Ni	0.015	0.63 max

Conformity statement : The above result is conform to EN 10083-2:2006 Gr. C45(1.0503)

End of Report

Tested By :
 Jaimini Vadodariya
 (Technician)

Authorized signatory:
 Deepak Solanki
 (Quality Manager)

Note : (1) Sample(s) not drawn by ULS. The results relate only to the sample(s) tested.
 (2) This certificate shall not be reproduced, except in full, without the written approval of ULS.
 (3) If balance material is available after testing, it will be retained for 15 days maximum. If customer wants to retain it for one month from this date, he has to inform in writing or he can collect the same.
 (4) While "ULS" has made their best endeavors to provide accurate and reliable information.
 (5) The conformity statement is given bases of decision rule documented in Quality Manual Annexure-3. # Information Given by Customer

