



TC-7322

Unitech Laboratories Services

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SINCE 2010

Unitech®*You can always trust on our accuracy...***TEST REPORT****ULR -TC732225000002693F**

Name of the Customer	: ADVANCE TECHNOFORGE LIMITED	Lab No.	: US/757/0125
	Plot No. 01-06, Survey No. 121, Village: Padvala, Opp. Waterflow Piping System, Shapar-Veraval Ind. Area, Dist: Rajkot (Guj.) INDIA	Date of Reporting	: 07/01/2025
Group	: Chemical Testing of Metals and Alloys		
Sub Group	: Carbon steel and alloy steel		
#Customer Reference No.	: Challan No. : AT25-236 Letter Date-07/01/2025		
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. : 560L / Heat No. : 2409053		
#Type of Test	: Chemical Analysis		
Instrument Utilized	: Optical Emission Spectrometer-Bruker- German make-Q4 TASMAN		
Date of Testing	: 07/01/2025		
Test Method	: ASTM E-415-21, JIS G-1253-2002		
ELEMENTS	OBSERVATION	REQUIRED VALUE	
% CARBON	: 0.487	0.42-0.50	
% SILICON	: 0.209	0.40 max	
% MANGANESE	: 0.777	0.50-0.80	
% PHOSPHORUS	: 0.022	0.045 max	
% SULPHUR	: 0.035	0.045 max	
% CHROMIUM	: 0.011	0.40 max	
% MOYBDENUM	: <0.001	0.10 max	
% NICKEL	: <0.005	0.40 max	
% Cr+Mo+Ni	: 0.017	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

