



Client: Mr. Aktaruz Zaman Dulal
Executive
BDDE Project Solution Ltd.
10B, Ga, 130/A
Azhar Comfort Complex
Middle Badda, Dhaka

Date: 04 December 2021
MME No.: 0471/2021-22



oegdhzuvf9

Client's Reference: Nil; Date 15 November 2021

BRTC Reference: 1102-46772/MME/2021-22; Date 16 November 2021

Subject: Chemical and Tensile Test of Stainless Steel Plate

Sample Condition: Not Sealed

Please note: The client supplied the sample and the result given herewith corresponds to the sample tested only. The Department of Materials and Metallurgical Engineering of BUET takes no responsibility regarding the misidentification, if any, of the sample.

TEST REPORT

Chemical Composition Test

Sample Description (as per client's letter)	Chemical Composition, wt.%							Comment
	C	Si	Mn	S	P	Ni	Cr	
SS Plate Thickness 10 mm	0.02	0.35	1.88	<0.0005	0.029	8.13	18.00	Conforms to AISI Stainless Steel Grade 304

Tensile Test

Sample Description (as per client's letter)	Sample No.	Yield Strength, MPa		Ultimate Tensile Strength, MPa		Elongation, % (G.L. 50 mm)		Comment
		Readings	Average	Readings	Average	Readings	Average	
SS Plate Thickness 10 mm	1	402	400	630	622	48.7	48	Conforms to AISI Stainless Steel Grade 304 of ASTM A240
	2	405		626		48.2		
	3	394		611		48.0		

M. HASAN
4.12.21

Dr. Mahbub Hasan
Professor and Head