



Client : Mr. Md. Tajul Islam
Deputy Manager, Rangs RK Square
Gulshan, Dhaka

Client's Reference : Nil; Date: 04/04/2023

BRTC Reference : 1102-88515/MME/2022-23; Date: 09/04/2023

Subject : Chemical Composition Test of Rebar

Sample Condition : Sealed

03 May 2023
MME-1180/2022-23



6pyecruwi5

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 Analysis Results

Sample ID	Chemical Composition, wt.%											Carbon Equivalent, wt%
	C	Si	Mn	P	S	Cu	Cr	Ni	N	V	Mo	
GPH QUANTUM B600 CR 16	0.34	0.31	1.19	0.028	0.040	0.24	0.12	0.10	0.005	trace	trace	0.59
GPH QUANTUM B600 CR 20	0.24	0.23	1.04	0.010	0.030	0.20	0.08	0.09	0.006	trace	trace	0.45
GPH QUANTUM B600 CR 25	0.23	0.25	1.00	0.010	0.028	0.20	0.08	0.10	0.006	trace	0.03	0.44
GPH QUANTUM B600 CR 32	0.23	0.26	1.13	0.009	0.029	0.19	0.09	0.09	0.006	trace	0.03	0.46

Bazlur 3/5/2023

Dr. A. K. M. Bazlur Rashid
Professor and Head