



Client : Engr. Md. Tanjidul Islam
Sr. Manager, Quality Control
GPH Ispat Ltd. (P-2)

Client's Reference : Nil; Date: 02/08/2023

BRTC Reference : 1102-97448/MME/2023-24; Date: 05/08/2023

Subject : Test of Rebar

Sample Condition : Not Sealed

30 August 2023
MME-0101/2023-24



d4vieuyh1r

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 (BDS ISO 6935-2:2021)

Sample Description	Chemical Composition, wt.%										Carbon Equivalent Value (CEV), wt.%
	C	Si	Mn	P	S	Cr	V	Mo	Cu	Ni	
GPH B420 DWR 20	0.31	0.25	1.13	0.029	0.030	0.151	0.005	0.036	0.392	0.089	0.572
GPH QUANTUM B500 CWR 20	0.24	0.23	0.97	0.021	0.029	0.079	0.001	0.020	0.559	0.101	0.465
GPH QUANTUM B500 DWR 20	0.30	0.23	1.11	0.021	0.022	0.152	0.001	0.029	0.497	0.111	0.557
GPH QUANTUM B600 C-R 32	0.26	0.27	1.15	0.011	0.026	0.082	0.001	0.033	0.546	0.102	0.515
GPH QUANTUM B600 D-R 25	0.32	0.27	1.22	0.019	0.024	0.074	0.002	0.020	0.573	0.082	0.588

Rashid 30/8/2023

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