



Department of Metallurgical and Materials Engineering

University of Engineering and Technology Lahore-54890, Pakistan



Dated: 23.09.2019

No. Univ./Met. Engg. I&T/09-19/14

Maj. Muhammad Hassan Jamil,
Office Commanding 83 Field,
Company Engineers,
C/o Signal Centre (FWO),
Chaklala

Subject: **Mechanical Testing of Anchor Bolts for Jehlum Bridge wanbao expansion joints**

With reference to letter no. **607/Project**, dated: **13-09-2019**, the results of the provided samples for **Tensile testing** are reported below. The test standard is ASTM F1554.

Sr. No.	Sample Name	Area	Yield Load	Max. Load	Yield Strength	Ultimate Strength	Elongation at 2 in.
		mm ²	N	N	MPa	MPa	%
1	Anchor Bolt 20 mm	201.06	98000	127400	487	634	30
2	Anchor Bolt 20 mm	201.06	98754	128380	491	639	30

Report Prepared by:

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Counter Sign
Chairman MME

CHAIRMAN
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Note: The above results pertain to the supplied samples only. As the sampling has been done by the client, therefore its authenticity lies with them. After issuance of the report, the samples will be retained for 15 days until negotiated otherwise. The non-negotiable results will not be challenged.