



CERTIFICATE

OF CONSTANCY OF PERFORMANCE

Certificate - No.: CAS-24-PC-0758-TAT-0377

Product	: Steel for the reinforcement of concrete - Weldable reinforcing steel
Type	: Grade B500B, B500C, Ø10, Ø12, Ø14, Ø16, Ø18, Ø20, Ø22, Ø25, Ø28, Ø32 mm
Intended use	: for the reinforcement of concrete structures
Performances	: See Annex 1
Manufacturer	: BAKU STEEL COMPANY CJSC 15 Mir-Jalal (Darnagul), AZ1029 Baku, AZERBAIJAN
Manufacturing plant	: 15 Mir-Jalal (Darnagul), AZ1029 Baku, AZERBAIJAN
Requirements	: EN 10080:2005 This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

In compliance with Regulation 93/68/EEC of the European Parliament and of the Council of 22 July 1993, this certificate applies to the Steel for the reinforcement of concrete

This certificate is issued having performed actions prescribed for system 1+ and confirms that the product complies with requirements set out in this certificate.

Report Number	: 24-PC-0758
Date of issue	: 29.10.2024 (first issued)
Valid until	: 28.10.2027 (with annually audits)

Granted to	: BAKU STEEL COMPANY CJSC 15 Mir-Jalal (Darnagul) AZ1029 Baku, AZERBAIJAN
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İstanbul, 27.11.2024


Ali Osman ÖZVEREN
On behalf of TÜV AUSTRIA TURK



ANNEX 1

Issued 27.11.2024

TÜV
AUSTRIA

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Essential characteristics and performances

Essential characteristic	Test method	Performance
Elongation A_{gt} (characteristic value), %:	EN ISO 15630-1:2019	20,9 23,1
Weldability (product analysis), %: - carbon equivalent, C_{eq} - limitations on the content of certain elements	EN 10080:2005 spectrometric methods	$\leq 0,38$ $\leq 0,47$ Pass
Tolerances	EN ISO 15630-1:2019	Pass
Bendability	EN ISO 15630-1:2019	Pass
Bond strength and surface geometry	EN ISO 15630-1:2019	Pass
Surface geometry of ribbed steel	EN ISO 15630-1:2019	Pass
Stress ratio R_m / R_e (characteristic value)	EN ISO 15630-1:2019	1,15 1,21
Tensile yield strength R_e , MPa (characteristic value)	EN ISO 15630-1:2019	554 590
Fatigue, number of cycles	EN ISO 15630-1:2019	NPD
Durability (product analysis), %: - Carbon, C - Sulphur, S - Phosphorus, P - Nitrogen, N - Copper, Cu - carbon equivalent, C_{eq} :	- spectrometric methods - spectrometric methods - spectrometric methods - method of reduction melting - spectrometric methods - EN 10080:2005	$\leq 0,24$ $\leq 0,055$ $\leq 0,055$ $\leq 0,014$ $\leq 0,85$ $\leq 0,52$

İstanbul, 27.11.2024

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