

CERTIFICATE

OF CONSTANCY OF PERFORMANCE

Certificate - No.: 21-PC-0309-TAT-22-DIN488-3677 R1

- Product** : Reinforcing steel – DIN 488 serial
- Type** : Grade B500A and B500B, Ø 10, 12, 14, 16, 18, 20, 22, 25, 28, 32 mm
- Intended use** : for the reinforcement of concrete structures
- Performances** : See Annex 1
- Manufacturer** : **Baku Steel Company CJSC**
Mir - Cəlal küçəsi 15 (Dərnəgül),
AZ1029 Baku, AZERBAIJAN
- Manufacturing plant** : Mir - Cəlal küçəsi 15 (Dərnəgül),
AZ1029 Baku, AZERBAIJAN
- Requirements** : **DIN 488-6 Reinforcing Steel – Assessment of conformity**
This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in DIN 488 serial standards and EN ISO 15630-1 and EN ISO 15630-2.

This Certificate of Conformity is issued on a voluntary basis according to DIN 488 serial. It conforms that the listed equipment complies with the essential safety requirements of DIN 488-6. It refers only to the sample and its technical file submitted for conformity assessment in conjunction with the internal factory production control system assessment.

- Report Number** : 21-PC-0309-TAT-22-0262 R1
- Date of issue** : 21.09.2022 (first issued)
- Valid until** : 20.09.2025 (with annually audits)
- Granted to** : **Baku Steel Company CJSC**
Mir - Cəlal küçəsi 15 (Dərnəgül),
AZ1029 Baku, AZERBAIJAN

Istanbul, TURKEY, 21.09.2022

Place & Date

Ali Osman Özveren

On behalf of TÜV AUSTRIA TURK

Name, Surname



ANNEX 1

Issued 21.09.2022 (first issued)

Certificate No: 21-PC-0309-TAT-22-DIN488-3677 R1



Product : Reinforcing steel – DIN 488 serial

Type : Grade B500A and B500B, Ø 10, 12, 14, 16, 18, 20, 22, 25, 28, 32 mm

Essential characteristics and performances		
Essential characteristic	Test method	Performance
Elongation A_{gt} (characteristic value), %:	EN ISO 15630-1:2019	20,2 21,5
Weldability (product analysis), %: - carbon equivalent, C_{eq} - limitations on the content of certain elements	EN 10080:2005 spectrometric methods	$\leq 0,30$ $\leq 0,34$ 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	1,16 1,20
Tensile yield strength R_e , MPa (characteristic value)	EN ISO 15630-1:2019	548 566
Fatigue, number of cycles $\times 10^6$ $\varnothing 14$ mm $\varnothing 25$ mm	EN ISO 15630-1:2019	1,23 to 1,88 0,86 to 0,92
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	$\leq 0,24$ $\leq 0,055$ $\leq 0,055$ $\leq 0,014$ $\leq 0,85$ $\leq 0,52$

Istanbul, TURKEY, 21.09.2022

Place & Date

Ali Osman Özveren

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