



CERTIFICATE

OF CONSTANCY OF PERFORMANCE

Certificate - No.: CAS-TAT-00130

Product Type	: Steel for the reinforcement of concrete - Weldable reinforcing steel Grade A500C, B500B, B500C, Ø10, Ø12, Ø14, Ø16, Ø18, Ø20, Ø22, Ø25, Ø28 mm
Intended use	: for the reinforcement of concrete structures
Performances	: See Annex 1
Manufacturer	: "ASPM" MMC AZ1065, BAKI ŞƏHƏRİ YASAMAL RAYONU ,İZMİR ,EV 2 , TOWER III AZERBAIJAN
Manufacturing plant	: Sumqayıt ş., Zeynəlabdin Tağıyev qəs., Texnopark sahəsi, Sumqayıt Elektrik Stansiyasının yanı 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	: CAS-TAT-00130
Date of issue	: 25.06.2024 (first issued)
Valid until	: 24.06.2027 (with annually audits)
Granted to	: "ASPM" MMC 8 November Avenue 25E, VWhite City Office Building AZ1025, Baku, AZERBAIJAN

İstanbul, TURKEY, 25.06.2025

Ali Osman ÖZVEREN
On behalf of TÜV AUSTRIA TURK
Ali Osman OZVEREN



ANNEX 1

Issued 25.06.2025 (first issued)

Certificate No: CAS-TAT-00130



Product : Steel for the reinforcement of concrete - Weldable reinforcing steel

Type :
Grade A500C, B500B, B500C,
Ø10, Ø12, Ø14, Ø16, Ø18, Ø20, Ø22, Ø25, Ø28 mm

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 TURKEY, 25.06.2025

Ali Osman ÖZVEREN
On behalf of TÜV AUSTRIA TURK

