STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS
Saulėtekio al. 3, LT-10257 Vilnius, Lietuvos Respublika

CERTIFICATE
OF CONSTANCY OF PERFORMANCE

Product	weldable hot rolled reinforcing steel bars
Type	B500B, diameters 10, 12, 14, 16, 18, 20, 22, 25, 28 and 32 mm
Intended use(s)	for the reinforcement of concrete structures
Performances	see Annex 1
Manufacturer	CMC POLAND Sp. z o.o, ul. Piłsudskiego 82, 42-400 Zawiercie, Poland
Manufacturing plant	CMC POLAND Sp. z o.o, ul. Piłsudskiego 82, 42-400 Zawiercie, Poland
Requirements	LST EN 10080:2006 and declared by the producer performances

This certificate is issued having performed actions prescribed for system 1+ in STR 1.01.04:2015 and confirms that the product complies with requirements set out in this certificate.

Number	SPSC-9664
Date of issue	2025-11-29 (first issued on 2022-11-29)
Valid until	2028-11-29 (information www.spsc.lt)
Granted to	CMC POLAND Sp. z o.o, ul. Piłsudskiego 82, 42-400 Zawiercie, Poland, company code (REGON) 272819315

Director Valdemaras Gauronskis

Copy No. 1 EN

Statybos produkcijos sertifikavimo centras accredited by the Lithuanian National Accreditation Bureau for products certification according to LST EN ISO/IEC 17065 (accreditation certificate No LA.03.004)

SPSC STATYBOS PRODUKCIJOS SERTIFIKAVIMO CENTRAS
Saulėtekio al. 3, LT-10257 Vilnius, Lietuvos Respublika

ANNEX 1 TO CERTIFICATE No. SPSC-9664

Issued 2025-11-29

Product weldable hot rolled reinforcing steel bars

Type B500B,
diameters 10, 12, 14, 16, 18, 20, 22, 25, 28 and 32 mm

Essential characteristics and performances

Essential characteristic	Test method	Performance
Elongation A_{gt} (characteristic value), %	LST EN ISO 15630-1:2019	5,0
Weldability (product analysis), %: - carbon equivalent, C_{eq}: - limitations on the content of certain elements	LST EN 10080:2006 spectrometric methods	≤ 0,52 pass
Tolerances	LST EN ISO 15630-1:2019	pass
Bendability	LST EN ISO 15630-1:2019	pass
Bonding strength (surface geometry)	LST EN ISO 15630-1:2019	pass
Stress ratio R_m / R_e (characteristic value)	LST EN ISO 15630-1:2019	1,08
Tensile yield strength R_e (characteristic value), MPa	LST EN ISO 15630-1:2019	500
Fatigue, number of force cycles	LST EN ISO 15630-1:2019	2×10^6
Durability (product analysis), %: - carbon, C; - sulphur, S; - phosphorus, P; - nitrogen, N; - cooper, Cu; - carbon equivalent, C_{eq}	 spectrometric method LST EN 10080:2006	 ≤ 0,24 ≤ 0,055 ≤ 0,055 ≤ 0,014 ≤ 0,85 ≤ 0,52
Rolling marking: "8/21" per each 0,5–1,5 meter	\ \ \