

# **CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL**

**1488-CPR-0146/Z**

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product:

**Covered elektrodres type:**  
**ANO 36, MONOLITH RC, STANDART RC, UONI 13/55 Plasma**  
 nominal diameter: 2; 2,5; 3, 3,2; 4; 5 mm  
 for manual metal arc welding of non-alloy and fine grain steels

Essential characteristics		Unit	Performance					
Dimensions and tolerances	Electrode core diameter	mm	2,0 - 0,05	2,5 - 0,05	3,0 - 0,05	3,2 - 0,05	4,0 - 0,05	5,0 - 0,05
	Electrode length	mm	300 ± 3	350 ± 3	350 ± 3	350 ± 3	450 ± 3	450 ± 3
Mechanical properties of weld metal	Tensile strength	MPa	500 < R <sub>m</sub> < 540					
	Yield strength	MPa	R <sub>s</sub> ≥ 420					
	Elongation	%	A <sub>5</sub> ≥ 20					
	Impact energy	J	average ≥ 47					
Chemical composition of weld metal	Mn	%	≤ 2,0					
	Cr	%	< 0,2					
	Ni	%	< 0,3					
	Mo	%	< 0,2					
	Cu	%	< 0,3					
	V	%	< 0,05					
	Nb	%	< 0,05					
Durability			accordance with the requirements					

produced by:

**„PlasmaTec” Public Joint Stock Company**  
**81, Schevchenko str., v. Rudnitsa,**  
**Peschanka district, Vinnitsa region,**  
**24723, Ukraine**

and produced in the manufacturing plant:

**„PlasmaTec” Public Joint Stock Company**  
**81, Schevchenko str., v. Rudnitsa,**  
**Peschanka district, Vinnitsa region,**  
**24723, Ukraine**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:


**EN 13479:2004**

under system 2+ for the performances set out in this certificate are applied and that

**the factory production control fulfils all the prescribed requirements for these performances**

This certificate was first issued on 24.03.2009 as a certificate No 1488-CPD-0146/Z, updated on 02.06.2010, 18.05.2011, 28.06.2013 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the factory production control certification body.

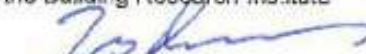
HEAD  
of the Certification Department

  
Barbara Dobosz



Warsaw, 27.03.2014

DIRECTOR  
of the Building Research Institute

  
Jan Bobrowicz