

**QUALITY CERTIFICATE**

№ 2403-055 Date: 07.03.2024

**Manufacturer: PlasmaTec LLC**  
**18 Pravednykiv svitu str., Vinnytsia, Vinnytsia**  
**region, Vinnytsia district, Ukraine, 21036**

<b>Product</b>
<b>Welding electrodes HS-Fe8 TM MONOLITH d 4 mm (5/32"):</b> <b>pack 1 kg (2.2 LB)</b>

<b>Specification/Classification</b>	EN 14700: E Z Fe8
<b>Batch classification according to EN ISO 14344</b>	<b>C5</b>
<b>Lot Number</b>	<b>001</b>

**Mechanical properties of weld metal**  
**EN 10204, type 2.2**

Index	EN 14700	Typical data
Hardness, HRC	50 - 65	58.2

**Chemical analysis of weld metal, %**  
**EN 10204, type 3.1**

Index	Requirements	Actual data
C	max. 2.00	1.17
Cr	max. 20.00	8.96
Mn	max. 3.0	0.94
Mo	max. 5.0	0.001
W	max. 2.0	0.007
V	max. 2.0	0.047
Nb	max. 10.0	0.053
Fe	Balance	84.92
Si+Ti	Other	2.71

**Post weld heat treatment - As welded**

*The product was manufactured and supplied according to a Quality System Program that meets the requirements of ISO 9001. The delivery conditions are in accordance with EN ISO 544.*

**Head of Technical Control: Andrii Babyn**

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*Lot Number identification: 001 3.2 XO (example of Lot number), where 001 – actual Lot Number, 3.2 XO - additional information (3.2 - electrode size in mm; X – pressing team, O - packing team)*