

**QUALITY CERTIFICATE**

№ 2410-131 Issued Date: 16.10.2024

**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 5 mm (3/16"): 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>002</b>

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

Index	EN 14700	Typical data
<b>Hardness, HRC</b>	50 - 65	60.5

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

Index	Requirements	Actual data
<b>C</b>	max. 2.00	1.07
<b>Cr</b>	max. 20.00	8.11
<b>Mn</b>	max. 3.0	1.15
<b>Mo</b>	max. 5.0	0.001
<b>W</b>	max. 2.0	0.014
<b>V</b>	max. 2.0	0.041
<b>Nb</b>	max. 10.0	0.043
<b>Fe</b>	Balance	86.60
<b>Si+Ti</b>	Other	2.26

**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)