



**APPROVAL OF WELDING CONSUMABLES CERTIFICATE**  
No. **QBI004020VE/001**

**This is to certify** that the following product, in view of the tests carried out, has been approved.

<i>Description</i>	<b>Covered electrodes for manual welding</b>
<i>Type</i>	<b>EUROTROD BN 18</b>
<i>Class</i>	<b>4Y</b>
<i>Manufacturer</i>	<b>ELECTRO PORTUGAL</b>
<i>Place of manufacture</i>	<b>PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A 2625-445 Forte da Casa PORTUGAL</b>
<i>Reference standards</i>	<b>Part D, Chapter 5, Section 2 of RINA Rules for the classification of ships</b>

The approval is valid for one year and can be reconfirmed subject to the satisfactory outcome of the prescribed control tests.

*Issued in* **Genoa** on **June 5, 2020**. *This Certificate is valid until* **January 14, 2021**

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RINA Services S.p.A.  
**Filippo Lago**

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No. QBI004020VE/001

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EUROTROD BN 18

ELECTRO PORTUGAL	PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A - 2625-445 Forte da Casa - PORTUGAL
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Class	4Y
Diameters	4-5 mm
Welding positions	all positions excluding vertical in downward direction
Type of current	direct current reverse polarity

Genoa June 5, 2020



**APPROVAL OF WELDING CONSUMABLES CERTIFICATE**  
No. **QBI004020VE/002**

**This is to certify** that the following product, in view of the tests carried out, has been approved.

<i>Description</i>	<b>Covered electrodes for manual welding</b>
<i>Type</i>	<b>EUROTROD LC 21</b>
<i>Class</i>	<b>308 L</b>
<i>Manufacturer</i>	<b>ELECTRO PORTUGAL</b>
<i>Place of manufacture</i>	<b>PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A 2625-445 Forte da Casa PORTUGAL</b>
<i>Reference standards</i>	<b>Part D, Chapter 5, Section 2 of RINA Rules for the classification of ships</b>

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EUROTROD LC 21

ELECTRO PORTUGAL	PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A - 2625-445 Forte da Casa - PORTUGAL
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Class	308 L
Diameters	3.2-4 mm
Welding positions	all positions excluding vertical in downward direction
Type of current	direct current reverse polarity

**Genoa June 5, 2020**



**APPROVAL OF WELDING CONSUMABLES CERTIFICATE**  
No. **QBI004020VE/003**

**This is to certify** that the following product, in view of the tests carried out, has been approved.

<i>Description</i>	<b>Covered electrodes for manual welding</b>
<i>Type</i>	<b>EUROTROD LC 26</b>
<i>Class</i>	<b>316 L</b>
<i>Manufacturer</i>	<b>ELECTRO PORTUGAL</b>
<i>Place of manufacture</i>	<b>PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A 2625-445 Forte da Casa PORTUGAL</b>
<i>Reference standards</i>	<b>Part D, Chapter 5, Section 2 of RINA Rules for the classification of ships</b>

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EUROTROD LC 26

ELECTRO PORTUGAL	PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A - 2625-445 Forte da Casa - PORTUGAL
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Class	316 L
Diameters	3.2-4 mm
Welding positions	all positions excluding vertical in downward direction
Type of current	direct current reverse polarity

Genoa June 5, 2020



**APPROVAL OF WELDING CONSUMABLES CERTIFICATE**  
No. **QBI004020VE/004**

**This is to certify** that the following product, in view of the tests carried out, has been approved.

<i>Description</i>	<b>Covered electrodes for manual welding</b>
<i>Type</i>	<b>EUROTROD LC 54</b>
<i>Class</i>	<b>309 MoL</b>
<i>Manufacturer</i>	<b>ELECTRO PORTUGAL</b>
<i>Place of manufacture</i>	<b>PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A 2625-445 Forte da Casa PORTUGAL</b>
<i>Reference standards</i>	<b>Part D, Chapter 5, Section 2 of RINA Rules for the classification of ships</b>

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**This is to certify** that the following product, in view of the tests carried out, has been approved.

<i>Description</i>	<b>Covered electrodes for manual welding</b>
<i>Type</i>	<b>EUROTROD RC 14</b>
<i>Class</i>	<b>1</b>
<i>Manufacturer</i>	<b>ELECTRO PORTUGAL</b>
<i>Place of manufacture</i>	<b>PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A 2625-445 Forte da Casa PORTUGAL</b>
<i>Reference standards</i>	<b>Part D, Chapter 5, Section 2 of RINA Rules for the classification of ships</b>

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EUROTROD RC 14

ELECTRO PORTUGAL	PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A - 2625-445 Forte da Casa - PORTUGAL
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Class	1
Diameters	4-5 mm
Welding positions	all positions excluding vertical in downward direction
Type of current	direct current reverse polarity

Genoa June 5, 2020

**APPROVAL OF WELDING CONSUMABLES CERTIFICATE**

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EUROTROD LC 54

ELECTRO PORTUGAL	PARQUE TEJO - ESTRADA NACIONAL N. 10 - KM 131.200 - BLOCO E - FRACCAO A - 2625-445 Forte da Casa - PORTUGAL
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Class	309 MoL
Diameters	3.2-4 mm
Welding positions	all positions excluding vertical in downward direction
Type of current	direct current reverse polarity

Genoa June 5, 2020