



Marine &amp; Offshore

Certificate number: 12139/D0 BV

File number: ACM 188/1305/002

Product code: 21011

This certificate is not valid when presented without the full attached schedule  
composed of 7 sections

www.veristar.com

## TYPE APPROVAL CERTIFICATE

This certificate is issued to

**MACOGA, S. A.**

ORDENES - LA CORUÑA - SPAIN

for the type of product

**METALLIC EXPANSION JOINTS / BELLOWS**

Lateral Expansion Joints Type MFL

### Requirements:

- BUREAU VERITAS Rules for the Classification of Steel Ships

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

**This certificate will expire on: 14 Jun 2026**

**For Bureau Veritas Marine & Offshore,**

At BV BILBAO, on 14 Jun 2021,

Juan Jose GUTIERREZ GARCIA



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)



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## TYPE APPROVAL CERTIFICATE

This certificate is issued to

**MACOGA, S. A.**

ORDENES - LA CORUÑA - SPAIN

for the type of product

**METALLIC EXPANSION JOINTS / BELLOWS**

Axial and Lateral Expansion Joints Type MFA

### Requirements:

- BUREAU VERITAS Rules for the Classification of Steel Ships

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

**This certificate will expire on: 14 Jun 2026**

**For Bureau Veritas Marine & Offshore,**

At BV BILBAO, on 14 Jun 2021,

Juan Jose GUTIERREZ GARCIA



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Marine & Offshore

Certificate number: 76682/A0 BV

File number: .

Product code: 21011

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

**MACOGA, S. A.**

ORDENES - LA CORUÑA - SPAIN

*for the type of product*

**METALLIC EXPANSION JOINTS / BELLOWS**

U-shaped metallic expansion joints

### Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 26 Apr 2029**

**For Bureau Veritas Marine & Offshore,**

At BV MADRID, on 26 Apr 2024,

Laura Gutierrez Cruz

***This certificate was created electronically and is valid without signature***



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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