



FORJAS IRIZAR S.L. (926420),  
HIRIBARREN NO 26,  
20210 LAZKAO,  
GUIPUZCOA,  
SPAIN

Reference: NE/NV T1605602  
Project Number: 2167707  
Certificate no: QA-3184750

**ATTN: Mr. Iñigo Ugarte**

**Offshore Mooring Chain Manufacturer Facility and Process Approval  
ABS Approval of FORJAS IRIZAR S.L., Spain to produce Offshore Mooring  
Accessories**

We have the ABS plant survey report BB3123138 dated 06 May 2016 for your facility along with your submittals together with enclosures relative to the subject. With regard thereto we advise that FORJAS IRIZAR S.L., Spain is considered approved to produce Offshore Mooring Accessories with rolled and forged bars manufactured by Gerdauro Aceros Especiales Europa, S.L., Spain & Asco Industries, Fos Sur Mer, France to the requirements of *ABS Guide for Offshore Mooring Chain (2009, updated 2014)* and *ABS Materials & Welding Rules Part 2 (2016)* as outlined herein, provided the Rules are adhered to in all respects and all production, testing and inspection are to the satisfaction of the attending ABS Surveyor.

Repair by welding of forged or rolled Offshore Mooring Accessories is not permitted.

The manufacturer and QA approval is valid for five years subject to quarterly audits and will expire on 05 May 2021. Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters, to request quarterly audits and renewal of approval prior to the five year expiry date. Our invoice to cover the costs of the technical review is subject to a separate correspondence.

An electronic copy of the drawings, appropriately stamped, is available through the ABS Eagle Construct Engineering Manager (O2E) Web portal. If you need to contact ABS regarding this review please email Nina Edmonds at [nredmonds@eagle.org](mailto:nredmonds@eagle.org) and Nikolaos Vrellos at [nvrellos@eagle.org](mailto:nvrellos@eagle.org).

Very truly yours

Stefano Penco  
Vice President of Engineering  
ABS Europe Ltd.

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Nikolaos Vrellos  
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London Offshore Engineering Department

CC: ABS Bilbao Port  
CC: ABS Houston Materials Dept