



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 Gerdau 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 nedmonds@eagle.org and Nikolaos Vrellos at nvrellos@eagle.org.

Very truly yours

Stefano Penco
Vice President of Engineering
ABS Europe Ltd.

Nikolaos Vrellos
Principal Engineer
London Offshore Engineering Department

CC: ABS Bilbao Port
CC: ABS Houston Materials Dept