



ACEROS MOLDEADOS DE LACUNZA, S.A.
ABARRATEGUI, S/N
A-31074008, LACUNZA –NAVARRA, 31830
SPAIN

Reference: T1201257 NE/SM
Project Number: 3121198

ATTN: Mr. Inaki Ibarrola

Renewal of Steel Foundry Facility and Process Approval ABS Approval of Aceros Moldeados De Lacunza S.A., Spain

We have the ABS plant survey report BB 2298027 of 05 March 2013, your submittals of 15 October 2013 and 26 May 2014 together with enclosures relative to the subject. With regard thereto we advise that Aceros Moldeados De Lacunza S.A., Spain is considered approved to produce machinery castings to the requirements of *ABS Materials & Welding Rules Part 2 (2014)* as outlined below, provided the Rules are adhered to in all respects and all production and inspection are to the satisfaction of the attending ABS Surveyor.

Material Grades	: Non ABS Grades - Carbon, Low Alloy Steels, Austenitic Stainless Steel, Duplex, Hastelloys
Steel Making	: Induction Furnace
Maximum Weight	: 3,500 kg
Casting Process	: Sand Casting
Product Examples	: Valve Body-Disc Cast and Pump Casings

Production of castings is to be carried out in accordance with the ABS Materials Rules. Please note that all weld repairs and PWHT, if applicable, to ABS Class castings are to be approved prior to commencing the repair and carried out in accordance to ABS rules to the satisfaction of the attending Surveyor.

The approval is valid for five years from the date of the Plant Survey. ABS Houston Materials are hereby requested to issue the appropriate Certificate indicating the above details. Renewal of approval is to be sought by the subject facility prior to the five year expiry date. It is the responsibility of the facility to inform ABS of any changes in manufacturing parameters. Please find enclosed our invoice to cover the costs of the technical review.

If you need to contact ABS regarding this review, please call Nina Edmonds on +44 (0) 207 377 4494 or e-mail nedmonds@eagle.org.

Very truly yours

Dimitrios G. Kostaras
Vice President of Engineering, ABS Europe Ltd.

Satya Meruva
Senior Engineer, Materials
Corporate Chief Engineer's Office

CC: ABS Bilbao
EC: ABS Houston Materials



Drawing List

Engineering Office:	London Engineering Department	
Submitter:	ACEROS MOLDEADOS DE LACUNZA, S.A.	
Drawing No	Revision No	Drawing Title
BB2298027	-	FOUNDRY APPROVAL - PLANT SURVEY
0.04.12116	-	ISO CERTIFICATE
ENSAYOS-ABS	-	ENSAYOS-ABS
Statistical data 1 combined	1	Statistical data
Statistical data 2 combined	1	Statistical data
Correspondence	1	confirmation of non changes