

EU TYPE EXAMINATION CERTIFICATE PRODUCTION TYPE

This is to Certify that Lloyd's Register España, S.A. Notified Body for the R.D. 709/2015, which transpose the Pressure Equipment Directive 2014/68/UE, did (in accordance with Module B of the Directive) undertake a Type Examination on the stated pressure equipment to ensure its conformity with the requirements of the Directive which apply to it. The equipment identified below was shown to comply.

This certificate is issued to:

Applicant: **INDUSTRIAS IBAIONDO, S.A.**
Plentzia Bidea n°3
48100 – Mungia (Bizkaia)

Product description: **PRESSURE VESSEL**
Product type: **STAINLESS STEEL CLOSED EXPANSION VESSELS WITHOUT BUILT IN DIAPHRAGM, 750DX, 1000DX & 1500DX**

Design standard: **EN13831:2007**

The attached Schedule details the content of the Technical Documentation and Specified Standards and shall form a part of this certificate.

"This Certificate is not valid for pressure equipment, the design, ratings or operational parameters of which have been varied from the specimen tested. The manufacturer shall notify LRE of any modification or changes to the equipment in order to maintain a valid certificate."

"This certificate is valid for ten years from the date of issue."

Certificate No: 0094/PED/MAD/4608 ENG (*)
Original Approval: 09 December 2020
Current Certificate: 09 December 2020
Certificate Expiry: 22 November 2028

LRE Notified Body Number 0094



Aitziber Gorriño-Beaskoa, Decision Maker

(*) This certificate transfers LRV Ltd (UK NoBo 0038) certificate No 0038/PED/MAD/4608 ENG issued on 23 November 2018 which is now under the responsibility of EU Notified Body No 0094 (LRE)

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INDUSTRIAS IBAIONDO, S.A.
Plentzia Bidea n°3
48100 – Mungia (Bizkaia)
PRESSURE VESSEL

CERTIFICATE NO. 0094/PED/MAD/4608 ENG SCHEDULE

Equipment data

Type: 750DX (1.4307), 1000DX (1.4307), 1500DX (1.4307)
Maximum Design Pressure: 10 bar(g)
Capacity: 750 liters / 1000 liters / 1500 liters
Design Temperature min/max: -10/100 °C
Fluid: Water/Air

The undermentioned documents have been reviewed for compliance with the Pressure Equipment Directive 2014/68/EU and following Design Code(s):

EN 13831:2007

Technical File Contents

Document	Rev.	Title	Status	Date
Expediente	04	Expediente técnico (Módulo B+D) Acumuladores hidroneumáticos sin membrana inoxidable – 1.4307 y 1.4404 Calculo de Espesores Apartados 3.1,3.2,3.3 y 3.4	RI	10.06.2014
3-8564 (b)	B	Depósito Hidroneumático Vertical Inoxidable (1.4307) Volumen 750 lts, 10 bar	B	10.06.2014
3-11711 (a)	A	Depósito Hidroneumático Vertical Inoxidable (1.4404) Volumen 750 lts, 10 bar	B	10.06.2014
3-8565 (c)	C	Depósito Hidroneumático Vertical Inoxidable (1.4307) Volumen 1000 lts, 10 bar	B	10.06.2014
3-11712	--	Depósito Hidroneumático Vertical Inoxidable (1.4404) Volumen 1000 lts, 10 bar	B	10.06.2014
3-6039 (b)	B	Depósito Hidroneumático Vertical Inoxidable (1.4307) Volumen 1500 lts, 10 bar	B	10.06.2014
3-11713	--	Depósito Hidroneumático Vertical Inoxidable (1.4404) Volumen 1500 lts, 10 bar	B	10.06.2014
3-7192 (b)	B	Depósito Hidroneumático Vertical Inoxidable (1.4307) Volumen 2000 lts, 10 bar	B	10.06.2014

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Document	Rev.	Title	Status	Date
3-11714 (a)	A	Depósito Hidroneumático Vertical Inoxidable (1.4404) Volumen 2000 lts, 10 bar	B	10.06.2014
3-8610 (b)	B	Depósito Hidroneumático Vertical Inoxidable (1.4307) Volumen 4000 lts, 10 bar	B	10.06.2014
3-11715	--	Depósito Hidroneumático Vertical Inoxidable (1.4404) Volumen 4000 lts, 10 bar	B	10.06.2014
3-8611 (b)	B	Deposito a Presión Inoxidable (1.4307) 5000-DX-10bar	B	10.06.2014
3-11776	--	Deposito a Presión Inoxidable (1.4404) 5000-DX-10bar	B	10.06.2014
3-8612 (b)	B	Deposito a Presión Inoxidable (1.4307) 7000-DX-10bar	B	10.06.2014
3-11777	--	Deposito a Presión Inoxidable (1.4404) 7000-DX-10bar	B	10.06.2014
3-11780	--	Deposito Horizontal (1.4307) DX-750-10	B	10.06.2014
3-11787	--	Deposito Horizontal (1.4404) DX-750-10	B	10.06.2014
3-11781	--	Deposito Horizontal (1.4307) DX-1000-10	B	10.06.2014
3-11788	--	Deposito Horizontal (1.4404) DX-1000-10	B	10.06.2014
3-11782	--	Deposito a Presión (1.4307) 1500-DX-H	B	10.06.2014
3-11789	--	Deposito a Presión (1.4404) 1500-DX-H	B	10.06.2014
3-11783	--	Deposito a Presión (1.4307) 2000-DX-10bar	B	10.06.2014
3-11790	--	Deposito a Presión (1.4404) 2000-DX-10bar	B	10.06.2014
3-11784	--	Deposito a Presión (1.4307) 4000-DX-10bar	B	10.06.2014
3-11791	--	Deposito a Presión (1.4404) 4000-DX-10bar	B	10.06.2014

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Document	Rev.	Title	Status	Date
3-11785	--	Deposito a Presión (1.4307) 5000-DX-10bar	B	10.06.2014
3-11792	--	Deposito a Presión (1.4404) 5000-DX-10bar	B	10.06.2014
3-11786	--	Deposito a Presión (1.4307) 7000-DX-10bar	B	10.06.2014
3-11793	--	Deposito a Presión (1.4404) 7000-DX-10bar	B	10.06.2014
Análisis de Riesgos	--	Análisis de Riesgos: Anexo II	B	10.06.2014
RES	--	Requisitos Esenciales de Seguridad	RI	10.06.2014
Instrucciones	--	Instrucciones de Operación: Apartado 1.6	RI	10.06.2014
PMA's	--	PMA's: 1.4307 y 1.4404 s/EN10088-2:2005	B	10.06.2014

LR Reports

Title	Document Reference	Date
Visit Report	PRJ 5765 VR 01A1	30/11/2018
Visit Report	PRJ 5768 VR01 A1	13/04/2020
Design Appraisal Document	ZAR/8132312/SG/1	14/06/2014
Design Appraisal Document	DA18-0252	11/07/2018

Schedule Issue: 01
Date of Schedule Issue: 09 December 2020
LRE Notified Body Number 0094



Aitziber Gorriño-Beaskoa, Decision Maker