

#### **EU CERTIFICATE OF QUALITY SYSTEM APPROVAL**

#### In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU

This is to certify that the Quality Management System of:

# Brafe Engineering Limited Woodbridge Suffolk United Kingdom

has been assessed against the requirements of Annex I, Paragraph 4.3 of the Pressure Equipment Directive 2014/68/EU and EN 764-5: 2014, Section 4.2, and conforms to the requirements for the products shown below:

## Production of Stainless Steel, Carbon Steel Nickel Alloy, Titanium Alloy, Copper Alloy and Aluminium Bronze Castings

Approval is subject to the continued maintenance of the quality system in accordance with the requirements of the above Directive and EN 764-5: 2014, Section 4.2, and the on-going surveillance. Products are as detailed on the attached schedule.

Certificate No.: 0343/BHM/PED/PRJ1109988678/1

Original Approval: 15 October 2019
Current Certificate: 15 October 2022
Certificate Expiry: 14 October 2025

Notified Body No. 0343

5 M. Williams on baball of I DOA Noda

S. M. Williams on behalf of LRQA Nederland B.V.

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

0343-BHM-PED-PRJ1109988678-1 15-10-2022.docx2

Page 1 of 3

LRQ/

LRQ/

LRQ/

LRQ/

LRQA

LRQA

LRQ/

LRQA

LIKE

I POA

I PO

I DO/

DO4

LRQ/

I RO/

LRQ

LRQA



# CERTIFICATE SCHEDULE 0343/BHM/PED/PRJ1109988678/1

### In accordance with the requirements of the Pressure Equipment Directive 2014/68/EU

Various related ASTM/ASME and EN standards, specifications, and grades Furness Capacity - 120kg to 750kg

Carbon Steels						
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
WCB	J03002	1.0625	ASTM A216 WCB	GP280GH		
WCC	J02503	1.0625	ASTM A216 WCC	GP280GH		
LCB	J03003	1.1131	ASTM A352 LCB	G17Mn5		
LCC	J02505	1.6220	ASTM A352 LCC	G20Mn5		
WCA	J02502	1.0619	ASTM A216 WCA	GP240GH		
Duplex Stainless Steels						
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
4A	J92205	1.4470	ASTM A995 CD3MN	GX2CrNiMoN22-5-3		
5A	J93404	1.4469	ASTM A995 CE3MN	GX2CrNiMoN26-7-4		
6A	J93380	1.4508	ASTM A995 CD3MWCuNN	GX2CrNiMoN19-11-3		
Austenitic Stainless Steels						
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
316L	J92800	1.4409	ASTM A351 CF3M	GX2CrNiMo19-11-2		
316	J92900	1.4408	ASTM A351 CF8M	GX5CrNiMo 19-11-2		
317	J93000	1.4412	ASTM A351 CG8M	GX5CrNiMoN19-11-3		
Ferritic Stainless Steels						
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
415	J91540	1.4313	ASTM A487 CA6NM	GX5CrNi13-4		
17-4PH	J92180	1.4542	ASTM A747 CB7Cu-1	X5CrNiCuNb17-4		

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

0343-BHM-PED-PRJ1109988678-1 15-10-2022.docx2

Page 2 of 3

LRQA

1004

LRQA

DO/

DO4

\_RQ∧

LRQA

LRQ/

LRQA

LRQA

LRQ/\

LRQA

LRQ/\

LRQ/

LRQ/

LRQ/

LRQ

LRQA



Monel						
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
Monel 400	J24135	2.4360	ASTM A494 M35-1	NiCu30Fe		
	J04020		ASTM A494 M35-2			
Hastelloy						
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
	N26455	2.4610	ASTM A494 CW2M	NiMo16Cr16Ti		
C22	N26022	9.4602	ASTM A494 CX2MW			
Aluminium Bronze			·			
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
AB2	C95800	2.0975	ASTM B148	CC333G		
	C95400	2.0940	ASTM B148	CC331G		
Cobalt Alloys			·			
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
Stellite 6	R30006		AMS 5373			
Ultimet	R31233	2.4681				

ISO9001: 2015 - LRQA Certificate 10325811 valid until 31/03/2023

Schedule Issue: 02

Date of Schedule Issue: 15 October 2022

Notified Body No. 0343

5 M. Williams on behalf of LRQA Nederland B.V.

LRQA Nederland B.V. (Reg. no. 24247948) is a private limited company registered in the Netherlands with registered office at George Hintzenweg 77, 3068 AX Rotterdam. A subsidiary of LRQA Group Limited.

LRQA Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'LRQA'. LRQA assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant LRQA entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

LRQA

LRQA

LRQA

LRQA

LRQ/\

I RQA

1504

LPOA

LRQA

LRQA

LRQ/

LRQA

LRQA

LRQ/

LRQA

LRQ/\

LRQ/

LRQ/

LRQ/

LRQ/