

CERTIFICATE OF QUALITY SYSTEM APPROVAL

In accordance with the requirements of the Pressure Equipment (Safety) Regulations 2016, UK Statutory Instrument 2016 No. 1105, as amended.

This is to certify that the Quality Management System of:

Brafe Engineering Limited Woodbridge Suffolk United Kingdom

has been assessed against the requirements of Schedule 2, Paragraph 31.8 of the Pressure Equipment (Safety) Regulations 2016 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 Regulation and the ongoing surveillance. Products are as detailed on the attached schedule.

Certificate No: 0038/UK/PER/PRJ1109988678/1

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

LRQA Approved Body 0038

5 M Williams on behalf of LROA Verification Limited

LRQA Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES.

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.

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CERTIFICATE SCHEDULE 0038/UK/PER/PRJ1109988678/1

In accordance with the requirements of the Pressure Equipment (Safety) Regulations 2016, UK Statutory Instrument 2016 No. 1105, as amended.

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		
Monel						
INDUSTRY STANDARD	UNS	DIN	SAE/AISI/ASTM	EURONORM		
Monel 400	J24135	2.4360	ASTM A494 M35-1	NiCu30Fe		
	J04020		ASTM A494 M35-2			

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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

LRQA Approved Body 0038

5 M. William

S. M. Williams on behalf of LRQA Verification Limited

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