

**CERTIFICATE**

in accordance with the requirements of the Pressure Equipment Directive 2014/68/EU, Annex I, 4.3 and AD 2000-Merkblatt W0

ZERTIFIKAT

in Übereinstimmung mit den Anforderungen der Druckgeräterichtlinie 2014/68/EU, Anhang I, 4.3 und AD 2000-Merkblatt W0

This is to certify that the quality assurance system of
Hiermit wird bescheinigt, dass das Qualitätssicherungssystem des Unternehmens

LES BRONZES D'INDUSTRIE S.A.

F-57360 Amnéville

France/Frankreich

has been examined and undergone a
durch LR Deutschland GmbH bewertet und einer

specific assessment for materials

werkstoffspezifischen Bewertung

by LR Deutschland GmbH and evidence of fulfilment of the requirements
of the above directive has been provided for the
unterzogen wurde und den Nachweis über die Erfüllung der Forderungen
der Druckgeräterichtlinie erbracht hat für die

**Manufacture and machining of castings and centrifugal castings
made of stainless steel and non-ferrous alloys.**

Herstellung und Bearbeitung von Guss und Schleuderguss hergestellt aus Edelstahl und Nichteisenlegierungen.

Details as per Annex 1 to this certificate.

Approval is subject to the continued maintenance of the quality assurance system in accordance
with the requirements of the above mentioned standards.

The fulfilment of the requirements of ISO 9001:2015 is confirmed in
Certificate No.: 10164519, issued by LRQA France SAS, valid until 24.01.2022.

Einzelheiten siehe Anhang 1 dieses Zertifikates.

Die Zulassung gilt unter der Voraussetzung, dass das Qualitätssicherungssystem fortlaufend
aufrechterhalten wird und die Forderungen obiger Standards erfüllt.

Die Erfüllung der Anforderungen der ISO 9001:2015 ist bestätigt durch das
Zertifikat Nr.: 10164519, ausgestellt von der LRQA France SAS, gültig bis 24.01.2022.

Initial Approval / Erstmalige Zulassung: **01.04.2021**

Certificate Expiry Date / Zertifikatsgültigkeit bis: **24.01.2022**

Lloyd's Register Deutschland GmbH Ident-No. 0525 / Lloyd's Register Deutschland GmbH Kenn-Nr. 0525

Hamburg, 01. April 2021

Place and Date
Ort und Datum

K. Wolf

Name, Signature, Certifier
Name, Unterschrift, Zertifizierer

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Scope of application / Geltungsbereich

No.	Product	Standard	Material	Dimension
1	Tube	EN 1982	CuAl10Fe5Ni5-C	Diameter 90 to 1000 mm Length 300 to 5000 mm Weight 3 to 6000 Kg
2	Tube	EN 1982	CuSn12-C	
3	Tube	EN 1982	CuZn35Mn2Al1Fe1-C	
4	Tube	EN 1706	EN AC – AlSi7Mg0.6	
5	Tube	EN 10213	GX5CrNi19-10	
6	Tube	EN 10213	GX5CrNiMo 19-11-2	
7	Tube	EN 10213	GX5CrNiMoNb 19-11-2	
8	Tube	EN 10283	GX5CrNi19-10	
9	Tube	EN 10283	GX5CrNiMo 19-11-2	
10	Tube	EN 10283	GX5CrNiMoNb 19-11-2	
11	Tube	EN 10283	GX2CrNiMoN 22-5-3	
12	Tube	ASTM A744	CF8	
13	Tube	ASTM A351	CF8	
14	Tube	ASTM A351	CF8M	
15	Tube	ASTM A352	CA6NM	
16	Tube	ASTM A487	CA6NM	
17	Tube	ASTM A747	CB7Cu-1	
18	Tube	ASTM A451	CPF3	
19	Ring	EN 1982	CuAl10Fe5Ni5-C	
20	Ring	EN 1982	CuSn12-C	
21	Ring	EN 1982	CuZn35Mn2Al1Fe1-C	
22	Ring	EN 1706	EN AC – AlSi7Mg0.6	
23	Ring	EN 10213	GX5CrNi19-10	
24	Ring	EN 10213	GX5CrNiMo 19-11-2	
25	Ring	EN 10213	GX5CrNiMoNb 19-11-2	
26	Ring	EN 10283	GX5CrNi19-10	
27	Ring	EN 10283	GX5CrNiMo 19-11-2	
28	Ring	EN 10283	GX5CrNiMoNb 19-11-2	
29	Ring	EN 10283	GX2CrNiMoN 22-5-3	
30	Ring	ASTM A744	CF8	
31	Ring	ASTM A351	CF8	
32	Ring	ASTM A351	CF8M	
33	Ring	ASTM A352	CA6NM	
34	Ring	ASTM A487	CA6NM	
35	Ring	ASTM A747	CB7Cu-1	
36	Ring	ASTM A451	CPF3	

Note: PMA by pressure equipment manufacturer required if material is not covered by a harmonised standard with reference to PED cited in the Official Journal of the European Union.

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