



上海雷尔沃工贸有限公司
Shanghai leierwo Industry and Trade co.,Ltd

Your Most Reliable Metal Casting Partner in China

We offer customized casting and machining services for your bespoke parts, strictly adhering to the highest quality standards. If you are looking for a reliable casting partner in China, Leierwo is your best choice!

**Technology: Investment Casting Services、 Sand Casting Services、
CNC Machining Services**

**Product: Carbon Steel Casting、 Alloy Steel Castings、 Stainless
Steel Castings**

	Standard	Applicable materials	Detection support
USA	ASTM A351	CF8 CF8M CF3 CF3M CG3M CF8C CK20 CN7M CK3MCuN CN3MN	We can provide 3.1 material certificates and support third-party on-site witnessing
	ASTM A890	CD4MCu CE3MN CD4MCuN CE8MN CD6MN CD3MN CD3MWCuN	
	ASTM A494	M35-1 M35-2 M25S Cu5MCuC CW6MC CW12MW CX2MW CY-40	
	ASTM A747	CB7-Cu-1	
	ASTM A216	WCB WCC	
	ASTM A217	WC6 C5	
	ASTM A352	LCB LCC	
	ASTM A439	D-2 D-3 D-5	
	ASTM A743	CA6NM	
	ASTM A297	HE	
EN	EN 10213	1.4308 1.4309 1.4552 1.4408 1.4409 1.4581	
	EN 10283	1.4407 1.4468 1.4469 1.4417 1.4416 1.4517 1.4527 1.4587 1.4458 1.4584 1.0619	
JIS	JIS-G5121	SCS13 SCS14 SCS16	
DIN	DIN 17445	1.4408 1.4462	
	DIN 1725	AlSi12Cu AlSi10Mg	



上海雷尔沃工贸有限公司
Shanghai leierwo Industry and Trade co.,Ltd

Valve Parts Catalog



Safety valve bonnet



Butterfly valve parts



Automatic pressure control
regulating valve body



Ball valvebody



Safety valve body



Flange vertical automatic
check valve body



Manual steam carbon
steel stop valve



上海雷尔沃工贸有限公司
Shanghai leierwo Industry and Trade co.,Ltd

Die Casting Parts Catalog



Engine block



Gearbox housing



Valve cover



Hydraulic pump



Torque converters



Engine oil pump



Oil Pump



Power Steering Pump



Transmission parts



Steering wheel



Die Casting Parts



Headlight



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Valve Parts For Automobile Use Catalog



Hydraulic valve cover



Valve cover gasket bracket



Suppression valve body



Brake valve parts



Booster pump body



Airbag regulating valve body



Cylinder head



Multi-way valve components



Electronic throttle valve body



Fuel system valve housing



EGR valve housing



Coolant control valve components



Thermostat housing parts



Valve housing parts



Cavity parts



上海雷尔沃工贸有限公司
Shanghai leierwo Industry and Trade co.,Ltd

Auto Parts Catalog



Bracket parts



Fixing bracket parts



Sensor mounting bracket



Intake manifold gasket



Angle joint



Sealing gasket



Sealing gasket



Engine forging rocker arm



Intake manifold



Engine gasket



上海雷尔沃工贸有限公司
Shanghai leierwo Industry and Trade co.,Ltd

Stainless Steel Pump Products Catalog



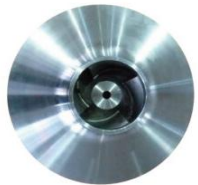
Stainless steel impeller



Stainless steel guide shell



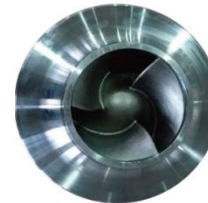
Turbine impeller



Compressor impeller



Stainless steel turbine pump housing



Double suction impeller



上海雷尔沃工贸有限公司
Shanghai leierwo Industry and Trade co.,Ltd

Valve Parts For Civil Use Catalog



Valve cover parts



Pressure reducing valve body



Check valve body



Filter valve parts



Drain valve assembly



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Vacuum Pump Parts KF Catalog



KF50 Aluminium alloy clamp



KF40 Aluminium alloy clamp



KF16 Aluminium alloy clamp



KF16/25/40/50
Aluminium Alloy Clamp





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Water Pump Parts Catalog



Chemical pumps body



Centrifugal pump impeller



Centrifugal pump casing



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Shanghai leierwo Industry and Trade co.,Ltd

Cast Iron Pump Products Catalog



Cast iron pump housing



Slurry pump impeller



上海雷尔沃工贸有限公司
Shanghai leierwo Industry and Trade co.,Ltd

Bearing Box Parts Catalog



Pipeline pump motor housing



上海雷尔沃工贸有限公司

Shanghai leierwo Industry and Trade co.,Ltd

Customized production

Production accessories can be large or small, and a single product can be customized at 50 kg.

A variety of furnace types are available to meet the needs of different customers.

Production flexibility

Ability to quickly adjust production plans to adapt to customers' urgent order needs.

The flexible production model improves customer satisfaction and enhances market competitiveness.

Product Diversity

Production of various types of castings, covering industries, automobiles, aerospace and other fields.

The rich variety of products meets the needs of different industries and expands market share.





上海雷尔沃工贸有限公司

Shanghai leierwo Industry and Trade co.,Ltd



**FOUNDry DEPARTMENT——SAND
CASTING WORKSHOP, ALUMINUM ALLOY
DIE CASTING WORKSHOP, MACHINING
WORKSHOP**



上海雷尔沃工贸有限公司

Shanghai leierwo Industry and Trade co.,Ltd

Success depends on quality

quality inspection department——measuring instruments





上海雷尔沃工贸有限公司

Shanghai leierwo Industry and Trade co.,Ltd

Annex to Certificate No. : 01 202 CHN/Q-02 0038



Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3		<input type="checkbox"/> EN 764-4		<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0					
Certificate holder (Manufacturer of materials)		Manufacturing plant		Nationality		Page No.:					
Company Name: Jiangsu Taibo Casting Co., Ltd.		Industry Zone, Yuanzhu Town		P.R.China		4					
Location: Taixing City, Jiangsu Province		Taixing City, Jiangsu Province		P.R.China 225412		TÜV Rheinland					
Rev.: 4		Date: 20.09.2024		Industrie Service GmbH		Date: 20.09.2024					
Cur -		Materials-term Materials-No.		Material Specification		Delivery Cond.					
Article Type of Product		Dimensions		Weight max		Technical Specifications Requirements					
Thick-ness mm		Ø mm		1+1 / 2+kg		Technical Regulations					
from 6a to 6b		from 7a to 7b		from 8a to 8b		result					
1		2		3		4					
5		6		7		8					
9		10		11		12					
2. Materials according to the AD 2000-Code											
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material approval. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.											
1		1.0619		EN10213		+N		Valve Parts and/or Machining Parts		Investment Casting	
2		1.4308, 1.4408, 1.4409		EN10213		+AT		Valve Parts and/or Machining Parts		Investment Casting	
3		1.0619		EN10213		+N		Valve Parts and/or Machining Parts		Sand Casting	
4		1.4308, 1.4408, 1.4409		EN10213		+AT		Valve Parts and/or Machining Parts		Sand Casting	

Remarks: +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed +NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary

MS-0031559 E-100-E-Questionnaire MM-Form-Scope PED_AD 2000 Rev.02-Taibo.Docx

MS-0031559 E-100 form B PED_AD 2000-E rev.02

page 2/4

Annex to Certificate No. : 01 202 CHN/Q-02 0038



Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3		<input type="checkbox"/> EN 764-4		<input type="checkbox"/> AD 2000-Merkblatt W 0					
Certificate holder (Manufacturer of materials)		Manufacturing plant		Nationality		Page No.:					
Company Name: Jiangsu Taibo Casting Co., Ltd.		Industry Zone, Yuanzhu Town		P.R.China		4					
Location: Taixing City, Jiangsu Province		Taixing City, Jiangsu Province		P.R.China 225412		TÜV Rheinland					
Rev.: 4		Date: 20.09.2024		Industrie Service GmbH		Date: 20.09.2024					
Cur -		Materials-term Materials-No.		Material Specification		Delivery Cond.					
Article Type of Product		Dimensions		Weight max		Technical Specifications Requirements					
Thick-ness mm		Ø mm		1+1 / 2+kg		Technical Regulations					
from 6a to 6b		from 7a to 7b		from 8a to 8b		result					
1		2		3		4					
5		6		7		8					
9		10		11		12					
3. Materials according to other standards											
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material approval. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.											
1		WCB		ASTM A216		+N or QT		Valve Parts and/or Machining Parts		Investment Casting	
2		CF3M, CF8, CF8M		ASTM A351		+AT		Valve Parts and/or Machining Parts		Investment Casting	
3		LCB, LCC		ASTM A352		+QT		Valve Parts and/or Machining Parts		Investment Casting	
4		WCB, WCB, C12		ASTM A217		+NT		Valve Parts and/or Machining Parts		Sand Casting	
5		1B (CD4MCuN) 4A(CD3MN), 5A(C63MN)		ASTM A890		+AT		Valve Parts and/or Machining Parts		Sand Casting	
6		M35-1, M35-2, M30C		ASTM A494		As cast		Valve Parts and/or Machining Parts		Sand Casting	
7		C62MW, CW12MW, CW2M NTM, CW6M, CX2M		ASTM A494		+AT		Valve Parts and/or Machining Parts		Sand Casting	
8		CA6NM		ASTM A743		+NT		Valve Parts and/or Machining Parts		Sand Casting	

Remarks: +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed +NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary

MS-0031559 E-100-E-Questionnaire MM-Form-Scope PED_AD 2000 Rev.02-Taibo.Docx

MS-0031559 E-100 form B PED_AD 2000-E rev.02

page 3/4

Annex to Certificate No. : 01 202 CHN/Q-02 0038



Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3		<input type="checkbox"/> EN 764-4		<input type="checkbox"/> AD 2000-Merkblatt W 0					
Certificate holder (Manufacturer of materials)		Manufacturing plant		Nationality		Page No.:					
Company Name: Jiangsu Taibo Casting Co., Ltd.		Industry Zone, Yuanzhu Town		P.R.China		4					
Location: Taixing City, Jiangsu Province		Taixing City, Jiangsu Province		P.R.China 225412		TÜV Rheinland					
Rev.: 4		Date: 20.09.2024		Industrie Service GmbH		Date: 20.09.2024					
Cur -		Materials-term Materials-No.		Material Specification		Delivery Cond.					
Article Type of Product		Dimensions		Weight max		Technical Specifications Requirements					
Thick-ness mm		Ø mm		1+1 / 2+kg		Technical Regulations					
from 6a to 6b		from 7a to 7b		from 8a to 8b		result					
1		2		3		4					
5		6		7		8					
9		10		11		12					
3. Materials according to other standards											
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material approval. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.											
1		WCB		ASTM A216		+N or QT		Valve Parts and/or Machining Parts		Investment Casting	
2		CF3M, CF8, CF8M		ASTM A351		+AT		Valve Parts and/or Machining Parts		Investment Casting	
3		LCB, LCC		ASTM A352		+QT		Valve Parts and/or Machining Parts		Investment Casting	
4		WCB, WCB, C12		ASTM A217		+NT		Valve Parts and/or Machining Parts		Sand Casting	
5		1B (CD4MCuN) 4A(CD3MN), 5A(C63MN)		ASTM A890		+AT		Valve Parts and/or Machining Parts		Sand Casting	
6		M35-1, M35-2, M30C		ASTM A494		As cast		Valve Parts and/or Machining Parts		Sand Casting	
7		C62MW, CW12MW, CW2M NTM, CW6M, CX2M		ASTM A494		+AT		Valve Parts and/or Machining Parts		Sand Casting	
8		CA6NM		ASTM A743		+NT		Valve Parts and/or Machining Parts		Sand Casting	

Remarks: +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed +NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary

MS-0031559 E-100-E-Questionnaire MM-Form-Scope PED_AD 2000 Rev.02-Taibo.Docx

MS-0031559 E-100 form B PED_AD 2000-E rev.02

page 4/4

Annex to Certificate No. : 01 202 CHN/Q-02 0038



Scope:		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I point 4.3		<input type="checkbox"/> EN 764-4		<input type="checkbox"/> AD 2000-Merkblatt W 0					
Certificate holder (Manufacturer of materials)		Manufacturing plant		Nationality		Page No.:					
Company Name: Jiangsu Taibo Casting Co., Ltd.		Industry Zone, Yuanzhu Town		P.R.China		4					
Location: Taixing City, Jiangsu Province		Taixing City, Jiangsu Province		P.R.China 225412		TÜV Rheinland					
Rev.: 4		Date: 20.09.2024		Industrie Service GmbH		Date: 20.09.2024					
Cur -		Materials-term Materials-No.		Material Specification		Delivery Cond.					
Article Type of Product		Dimensions		Weight max		Technical Specifications Requirements					
Thick-ness mm		Ø mm		1+1 / 2+kg		Technical Regulations					
from 6a to 6b		from 7a to 7b		from 8a to 8b		result					
1		2		3		4					
5		6		7		8					
9		10		11		12					
1. Materials according to harmonized European standards (EN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU											
The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material approval. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.											
1		1.0619		EN10213		+N		Valve Parts and/or Machining Parts		Investment Casting	
2		1.4308, 1.4408, 1.4409		EN10213		+AT		Valve Parts and/or Machining Parts		Investment Casting	
3		1.0619		EN10213		+N		Valve Parts and/or Machining Parts		Sand Casting	
4		1.4308, 1.4408, 1.4409		EN10213		+AT		Valve Parts and/or Machining Parts		Sand Casting	

Remarks: +AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed +NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary

MS-0031559 E-100-E-Questionnaire MM-Form-Scope PED_AD 2000 Rev.02-Taibo.Docx

MS-0031559 E-100 form B PED_AD 2000-E rev.02

page 1/4

We are together because of fate, success depends on everyone's efforts



上海雷尔沃工贸有限公司

Shanghai leierwo Industry and Trade co.,Ltd

PRODUCT MATERIAL CERTIFICATE

Certificate

Quality management system
for Manufacturer of Materials
acc. to Directive 2014/68/EU

Certificate no.: 01 202 CHNQC-02 0038.01

Name and address of the certificate holder:
Jiangsu Taibo Casting Co., Ltd.
Industry Zone, Yuanzhuo Town,
Taiping City
224112 Jiangsu
P.R. China

Herewith we certify that the material manufacturer has
established and applied a Quality Management System.
The system was audited according to the European Directive
(2014/68/EU), Annex 1 point 3, with regard to the material as
shown in the scope of approval.

Test basis:
QM-System nach EN ISO 9001, Clause 4.2 and
AD 2000-Merkblatt W9

Audit report no.:
01 202 CHNQC-02 0038

Scope:
Manufacturing of castings, see annex to certificate:
01 202 CHNQC-02 0038, revision 4 from 10.10.2024

Manufacturing plant:
see certificate holder

Validity:
This certificate is valid to 2026-06-30.

Colleges, 2024-10-31

Issued by: [Signature]

TÜVRheinland®
Precisely. Right.

Zertifikat

Qualitätsmanagement-System
für Werkstoffhersteller
nach Richtlinie 2014/68/EU

Zertifikatsnummer: 01 202 CHNQC-02 0038.01

Name und Anschrift des
Zertifizierten:
Jiangsu Taibo Casting Co., Ltd.
Industry Zone, Yuanzhuo Town,
Taiping City
224112 Jiangsu
P.R. China

Herewith we certify that the material manufacturer has
established and applied a Quality Management System.
The system was audited according to the European Directive
(2014/68/EU), Annex 1 point 3, with regard to the material as
shown in the scope of approval.

Prüfgrundlage:
QM-System nach EN ISO 9001, Abschnitt 4.2 und
AD 2000-Merkblatt W9

Fristbezeichnung:
01 202 CHNQC-02 0038

Geltungsbereich:
Herstellung von Gießteilen, siehe Anlage zum Zertifikat:
01 202 CHNQC-02 0038, Revision 4 vom 10.10.2024

Fertigungsorte:
siehe Zertifikatsinhaber

Gültigkeit:
Dieses Zertifikat ist gültig bis 31.06.2026.

Köln, 31.10.2024

Issued by: [Signature]

TÜVRheinland®
Genau. Richtig.

Certificate

Standard: ISO 9001:2015

Certificate Region No.: 01 160 223727

Certificate Holder:
Jiangsu Taibo Casting Co., Ltd.
Industry Zone, Yuanzhuo Town,
Taiping City, 224112 Jiangsu, P. R. China
Registration Address: Industry Zone, Yuanzhuo Town,
Taiping City, 224112 Jiangsu, P. R. China
Operation Address: same as above

Scope:
Manufacturing, Machining and Sales of Castings as Well as
Machining and Sales of Mechanical Parts

Validity:
Proof has been furnished by means of an audit that the
requirements of ISO 9001:2015 are met.
This certificate is valid from 2024-12-13 until 2026-12-31.
It remains valid subject to satisfactory surveillance audits.
Final certificate no. 2024
This certificate information can be searched on CNCA official
website <http://www.cnca.gov.cn>

2024-12-13

Authorized responsible officer: TÜVRheinland Cert. GmbH
Andreas Beyer, 017033496

www.tuv.com

IAF, DAKS, TÜVRheinland®
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DNV

Job No: 2023-11-012887-1
Certificate No: AAAAA000000000

Particulars of the approval

Steel type	Grade	Casting method	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition
Austenitic	SA 508 Gr.100 10 11 1 (SAF), SA 508 Gr.100 10 11 2 (SAF), SA 508 Gr.100 10 11 3 (SAF)	IC	100	40	SHT
	SA 508 Gr.100 10 11 1 (SAF), SA 508 Gr.100 10 11 2 (SAF), SA 508 Gr.100 10 11 3 (SAF)	BC	200	80	SHT

Remarks:
1. IC: Investment Casting, SC: Sand Casting
2. SHT: Solution Heat Treated (Quench and Temper)
3. Incl. equivalent grades in acc. to other standards

DNV rules for classification - Ship
DNV class programme - DNV-CP-2024 Steel castings
and the following particulars:

Application area: Stainless steel castings
Steel type: Austenitic stainless
Casting method: See page 2
Max. weight: See page 2
Max. wall thickness: See page 2
Heat treatment: Solution heat treatment condition

Manufacturer(s) approved by this certificate score accepted to deliver according to DNV GL, DNV and GZ rules.
Materials to be applied to DNV classed object shall fulfil the material requirements in the applicable DNV class rules.

Issued at Hamburg on 2023-12-07

This Certificate is valid until 2026-12-31.
DNV classed by: Jiangsu 160 & CMC

Approval Engineer: Dechen Liu

for DNV
Therese Lohmann
Head of Section

DNV GL
DNV GL is a member of the DNV Group. DNV GL is a global leader in providing technical services to the maritime and industrial sectors. DNV GL is a member of the DNV Group. DNV GL is a global leader in providing technical services to the maritime and industrial sectors. DNV GL is a member of the DNV Group. DNV GL is a global leader in providing technical services to the maritime and industrial sectors.

Form code: 001-111
Revision: 2023-12
www.dnv.com
Page 1 of 2

DNV

APPROVAL OF MANUFACTURER
CERTIFICATE

Certificate No: AAAAA000000000

This is to certify:
That
Jiangsu Taibo Casting Co., Ltd.
Industry Park, Yuanzhuo Town, Taiping City, Jiangsu Province,
China

is an approved manufacturer of
Steel Castings

is approved by DNV
DNV rules for classification - Ship
DNV class programme - DNV-CP-2024 Steel castings
and the following particulars:

Application area: Stainless steel castings
Steel type: Austenitic stainless
Casting method: See page 2
Max. weight: See page 2
Max. wall thickness: See page 2
Heat treatment: Solution heat treatment condition

Manufacturer(s) approved by this certificate score accepted to deliver according to DNV GL, DNV and GZ rules.
Materials to be applied to DNV classed object shall fulfil the material requirements in the applicable DNV class rules.

Issued at Hamburg on 2023-12-07

This Certificate is valid until 2026-12-31.
DNV classed by: Jiangsu 160 & CMC

Approval Engineer: Dechen Liu

for DNV
Therese Lohmann
Head of Section

DNV GL
DNV GL is a member of the DNV Group. DNV GL is a global leader in providing technical services to the maritime and industrial sectors. DNV GL is a member of the DNV Group. DNV GL is a global leader in providing technical services to the maritime and industrial sectors. DNV GL is a member of the DNV Group. DNV GL is a global leader in providing technical services to the maritime and industrial sectors.

Form code: 001-111
Revision: 2023-12
www.dnv.com
Page 1 of 2

In this world, the power of any one person is insignificant. Only by integrating into a team and working together with the team can you maximize your personal value and achieve your own excellence!



上海雷尔沃工贸有限公司

Shanghai leierwo Industry and Trade co.,Ltd



Our company's official website:

<https://www.leierwocasting.com/>

email: yangyang@leierwo.cn

WhatsApp: +15026501521

A strong corporate spirit drives innovation and teamwork in our company.

