

MATERIAL MANUFACTURE CERTIFICATE

Certificate No.:
8626-2016-CE-RGC-DNV GL

Initial date:
2013-07-17

Validity:
2019-10-16~2022-07-16

This certificate consists of 3 pages

This is to verify that

Zhejiang Shidai Casting Co., Ltd.

Jin Qiao industry Zone, Tao Shan Town, Rui' an city, Zhejiang Province, P. R. china
Tao Nan industrial Zone, Tao Shan Town, Rui' an city, Zhejiang Province, P. R. china.

for

casting

has implemented and is maintaining a certified quality assurance system which has undergone a specific assessment for materials for applications covered by Directive 2014/68/EU on pressure equipment, and is found to comply with Annex I, section 4.3, for acceptance of type 3.1 material certificates according to EN 10204:2004

Further details are given in the following pages

Place and date:
Vimercate 2019-10-21



DNV GL Business Assurance Italia
S.r.l.

Nicola Privato
Management Representative

Certificate No.: 8626-2016-CE-RGC-DNV GL
 Place and date: Vimercate 2019-10-21
 Revision No.: 01

Certificate history

Revision	Description	Issued date
Rev.00	Original certificate 3076-2013-CE-RGC-DNV	2013-07-17
Rev.00	Re-Certificate	2016-10-17
Rev.01	Re-Certificate and Scope extension	2019-10-21

Products covered by this certificate

Product name	Casting
Steel types	ASME SA/ASTM A216: WCB, WCC; ASME SA/ASTM A351: CF3, CF3M, CF8, CF8M, CF8C, CG3M, CG8M, CN7M, HK40, CT15C, CK20, CK3MCuN, CN3MN; ASME SA/ASTM A352: LCB, LCC; ASME SA/ASTM A494: Ni: CZ100; Ni-Cu Alloy: M35-1, M35-2, M30C, M25S; Ni-Mo Alloy: N12MV, N7M; Ni-Cr Alloy: CW12MW, CW6MC, CW6M, CU5MCuC, CW2M, CX2M, CY40; ASME SA/ASTM A995: CD4MCuN, CD3MN, CE3MN, CD3MWCuN; EN 10213 : 1.4470, 1.4469, 1.4417, 1.4308, 1.4309, 1.4408, 1.4409, 1.4552, 1.0619, 1.4517, 1.4581, 1.4458. ASME SA/ASTM A890 : CD4MCuN, CD3MN, CE3MN, CD3MWCuN ASTM B148: C95800, C95500, C95400

Limitations:

- for PED category II and above, the welders and welding procedure specification shall be qualified and approved acc. to harmonized standards, or equivalent, by a competent body within the European Community;
- for PED category III and IV, the NDT personnel must be approved by recognised third party organisation within the European Community;

Initial inspection on the production site has been carried out by DNV GL Business Assurance(China) Co., Ltd., ref. Assessment Report dated 2019-09-08

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Terms and conditions for the certificate

- in case of damages caused by defective products, Council Directive 85/374/EC, as amended, will apply;
- the system approval is valid only for the material types listed above. For other material types, an application for extension of the certificate must be sent to DNV GL Business Assurance(China) Co., Ltd.
- periodical audits and unexpected visits will be held, in order to verify that the manufacturer duly fulfils the obligations arising out of the approved quality system;
- the manufacturer shall fulfil the obligations arising out of the quality system as approved and uphold it so that it remains adequate and efficient;
- the manufacturer must give information of any intended adjustments of the Quality System to DNV GL Business Assurance(China) Co., Ltd., who will assess the changes and decide if the Statement remains valid;
- the manufacturer shall inform DNV GL Business Assurance(China) Co., Ltd. of the intended schedule of production for materials.

The following may render this statement invalid:

- changes in the quality system affecting production;
- periodical audits not held within the allowed time window.

END OF CERTIFICATE