

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001WA
Revision No:
1

This is to certify:

That

Vítkovické slévárny spol. s r.o.
Halasova 2904/1, 70300 Ostrava - Vítkovice,
Czech Republic

is an approved manufacturer of
Steel Castings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Castings for hull structures and equipment, Castings for machinery
Steel type	See page 2
Casting method	See page 2
Max. weight	8 700 kg
Max. wall thickness	See page 2
Heat treatment condition	See page 2

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

Issued at **Hamburg** on **2020-12-15**

This Certificate is valid until **2023-12-31**.

for **DNV GL**

DNV GL local station: **Ostrava**

Approval Engineer: **Andreas Koch**

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Thorsten Lohmann
Head of Section

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Job Id: **263.11-008411-2**
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Particulars of the approval

Castings for hull structure and equipment

Steel type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Delivery condition ²⁾
C and C-Mn	VL C400UW, VL C440UW, VL C480UW, VL C520UW, VL C560UW, VL C600UW	SC	8 700	1 000	N
C and C-Mn	GE240, GE300 acc. EN 10293	SC	8 700	1 000	N
Alloy	VL C550AW, VL C620AW	SC	8 700	1 000	QT, NT ⁴⁾

Castings for machinery

Steel type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Delivery condition ²⁾
C and C-Mn	VL C400U, VL C440U, VL C480U, VL C520U, VL C560U, VL C600U	SC	8 700	1 000	N
Alloy	VL C550A, VL C600A	SC	8 700	1 000	QT, NT ⁴⁾

Remarks:

- 1) SC: Sand Casting
- 2) N: Normalised
QT: Quenched and tempered
NT: Normalized and tempered
- 3) Including equivalent grades to other standards.
- 4) The specified mechanical properties shall be agreed with the Society in case of delivery in normalized and tempered condition