

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

Teriel Sp. z o.o.
Ul. Lipowa 2a, 63-800 Gostyn, Polandis an approved manufacturer of
Iron Castingsin accordance with
DNV GL rules for classification – Ships

and the following particulars:

Iron types	Grey, Nodular grades: VL NCI-2 and VL NCI400
Max. weight	80 kg
Max. thickness:	100 mm
Delivery condition	As cast
Remarks	See particulars of the approval

Manufacturer approved by this certificate is 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 **Høvik** on **2017-04-03**for **DNV GL**This Certificate is valid until **2020-04-02**.DNV GL local station: **Gdansk CMC**Approval Engineer: **Dechun Lou**

Hanne Anita Hjerpetjønn
Head of Section

Job Id: **263.11-007267-1**
Certificate No: **AMMM00001AX**

Particulars of the approval

Cast iron:

Grade	Product ¹⁾	Supply Condition ²⁾	Casting Method ³⁾	Max. weight (kg)	Max. thickness (mm)
Grey	GG	AC	SC	80	100
VL NCI-2, VL NCI400	GGG	AC	SC	80	100
Nodular cast iron acc. EN 1563					
EN-GJS-400-15, EN-GJS-400-18-LT	GGG	AC	SC	80	100

Remark:

- 1) GG: grey cast iron; GGG: nodular cast iron
- 2) AC: as cast
- 3) SC: sand casting