

# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00001HZ**  
Revision No:  
**2**

**This is to certify:**

That

**Tokai Cast., Ltd.**

**3-148 Ooyashiki Oguchi-cho Niwa-gun, Aichi Pref., 480-0137,  
Japan**

is an approved manufacturer of  
**Iron Castings**

in accordance with  
**DNV GL rules for classification – Ships**

and the following particulars:

<b>Iron type</b>	<b>Nodular cast iron</b>
<b>Casting method</b>	<b>Sand casting</b>
<b>Max. weight</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>As cast</b>

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 **2020-10-06**

This Certificate is valid until **23-09-30**.

DNV GL local station: **Kobe**

Approval Engineer: **Enno Brück**



for **DNV GL**

Digitally Signed By: Wildhagen, Christian

Location: DNV GL Hamburg, Germany

Signing Date: 2020-10-07, on behalf of

**Thorsten Lohmann**  
**Head of Section**

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Form code: AM 311

Revision: 2020-01

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Job Id: **263.11-003799-3**  
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## Particulars of the approval

### Cast iron

Iron type	Grade <sup>3)</sup>	Casting method <sup>1)</sup>	Max. weight [kg]	Heat treatment condition <sup>2)</sup>
Nodular	VL NCI 400	SC	100	AC
	VL NCI 500			
	VL NCI 600			
	VL NCI 700			

#### Remarks:

- <sup>1)</sup> SC: Sand casting
- <sup>2)</sup> AC: As cast
- <sup>3)</sup> Incl. equivalent grades in acc. to other standards