



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002T9
Revision No:
1

This is to certify:

That

Kangrim Heavy Industries Co.,Ltd.
Changwon-si, Gyeongsangnam-do,
Republic of Korea

is an approved manufacturer of
Heat treatment

in accordance with

DNV rules for classification – Ships

DNV class programme – DNV-CP-0351 Manufacture of heat treated products - heat treatment workshop

and the following particulars:

Application area	Heat treatment workshop
Heat treatment process	Stress relieving
Product type	Rolled steel
Steel type	Carbon and carbon-manganese
Max. loading weight	See page 2
Max. wall thickness	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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2023-11-27**

This Certificate is valid until **2026-11-04**.

DNV local unit: **Gimhae Station**

for **DNV**

Approval Engineer: **Christian Wildhagen**

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Thorsten Lohmann
Head of Section

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Form code: AM 311

Revision: 2022-12

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Particulars of the approval

Approval scope for Independent Heat Treatment Company

Item	Description		
Product type	Rolled steel		
Steel Type	Carbon and carbon-manganese		
Max. Thickness	36 mm		
Max. Loading Weight	46 ton		
Heat Treatment Type	Stress relieving		
Furnace Details	ID No.:	Type:	Working zone (mm):
	KR-HT-01	Continuous	Length 8 500 x Height 3 900 x Width 4 010
Heat Treatment Procedure	Doc. No. KRCF-DNVGL-PWHT Rev. R00 dtd. 2020-08-14		
Temperature Uniformity Survey Procedure	Doc. No. KRCF-DNVGL-TUS Rev. R00 dtd. 2020-08-14		