

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**Unithai Shipyard and Engineering Ltd.
25 Alma Link Building 11th Floor,
Chitlom Alley, Phloenchit Road, Pathumwan
10330 Bangkok, THAILAND**

Manufacturing site see back page

has been verified and recognized
as welding workshop in the product range of

Steel structures

based on the requirements of the standard

DIN EN ISO 3834-2

Certificate-No.: 07/204/1326/HS/4725/18

The range of validity and details of the inspection can be seen
on the back page and in our report

No.: 8116302460

The company is using a quality assurance system,
technical equipment, qualified personnel and procedures for joining processes
for manufacturing and testing of welded products.

This certificate is valid until

August 2021

Hamburg, 22.10.2018




Kaschner

Certification body
of TÜV NORD Systems GmbH & Co. KG
Accredited Body

Scope of the welding activities

Only valid in relation and as an attachment to the certificate DIN EN ISO 3834 Part 2

Manufacturer: Unithai Shipyard and Engineering Ltd.,
25 Alma Link Building 11th Floor, Chitlom Alley, Phloenchit Road,
Pathumwan, 10330 Bangkok, THAILAND
Manufact. site: Unithai Shipyard and Engineering Ltd.,
Laem Chabang Port, 48 Moo.3, Tambon Tungsukhla,
Amphur Sriracha, 20230 Chonburi, THAILAND
Cert.-no.: 07/204/1326/HS/4725/18
Date of issue: 22.10.2018

1 Product(s) of the manufacturer
Structural components and steel structures
until EXC3 according to EN 1090-2

2 Product standards and other standards (see DIN EN ISO 3834-5)
DIN EN 1090-2
DIN EN ISO 9606-1, EN ISO 14732
DIN EN ISO 5817
DIN EN ISO 15614-1

3 Material groups (acc. to CEN ISO/TR 15608)
1 $R_{eH} \leq 460 \text{ N/mm}^2$

4 Welding processes and related material groups

Welding processes (acc. to ISO 4063) with grade of mechanization	Material groups (acc. to CEN ISO/TR 15608)
111 E Manual metal-arc welding	1 $R_{eH} \leq 460 \text{ N/mm}^2$
136 MAG Metal active gas welding, flux cored electrode, partly mechanized	1 $R_{eH} \leq 460 \text{ N/mm}^2$
121 SAW Submerged arc welding, fully mechanized	1 $R_{eH} \leq 460 \text{ N/mm}^2$
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5 Responsible welding coordinators

Name	Qualification	Scope of competence and level*
Mr. Hornak, Krittanan	IWE	Responsible welding coordinator C
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* The level of knowledge complies with ISO 14731 B, S or C