

CERTIFICATE

TÜV NORD Systems GmbH & Co. KG

certifies that the company

**HACO A/S
Barrit Langgade 97
DK-7150 Barrit**

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

**Manufacturing of metal components for the energy-, off-
shore, maritime- and process industry**

based on the requirements of the standard

EN ISO 3834-2

Certificate-No.: 07/204/1326/HS/3026/18

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

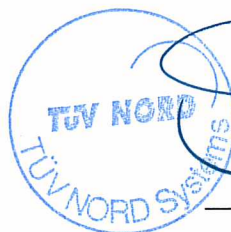
No.: 8116006779

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

June 2021

Hamburg, 04.09.2018



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: HACO A/S, DK-7150 Barrit
Cert.-no.: 07/204/1326/HS/3206/18
Date of issue: 04.09.2018

1 Product(s) of the manufacturer

Structural components and steel structures

until EXC 3 according to EN 1090-2,

in the following depending on possibly further required certifications:

Manufacturing of metal components for the energy-, off-shore, maritime- and process industry

2 Product standards and other standards (see DIN EN ISO 3834-5)

DIN EN 1090-2

DIN EN ISO 9606-1

DIN EN ISO 5817

DIN EN ISO 15613, DIN EN ISO 15614-1

3 Material groups (acc. to CEN ISO/TR 15608)

1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$

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)
135 MAG Metal active gas welding, partly-mechanized	1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$
136 MAG Flux cored metal arc welding with active gas, partly-mechanized	1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$
138 MAG Metal cored metal gas welding with active gas, partly-mechanized	1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$
141 TIG Tungsten inert gas welding, manual	1.1, 1.2 $R_{eH} \leq 360 \text{ N/mm}^2$
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5 Responsible welding coordinators

Name	Qualification	Scope of competence and level*
Hermansen, Christian	IWE	Responsible welding coordinator C
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* The level of knowledge complies with ISO 14731 B, S or C