



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM0000145**  
Revision No:  
**3**

This is to certify:

That

**Deform AB**

**Strömsnäsvägen 6, 69332 Degerfors,  
Sweden**

is an approved manufacturer of  
**Pressed Parts**

in accordance with

**DNV rules for classification – Ships**

**DNV rules for classification – Naval vessels**

**DNV class programme – DNV-CP-0350 Pressed parts and seamless gas cylinders**

and the following particulars:

<b>Application area</b>	<b>Pressed parts</b>
<b>Steel type</b>	<b>Liquid quenched and tempered structural steels, see page 2</b>
<b>Max. diameter</b>	<b>4 500 mm</b>
<b>Max. thickness</b>	<b>66 mm</b>
<b>Heat treatment condition</b>	<b>Quenched and tempered</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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2023-01-16**

for **DNV**

This Certificate is valid until **2025-12-31**.

DNV local unit: **Sweden**

Approval Engineer: **Torben Schälicke**

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

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



## Particulars of the approval

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### Pressed parts

Grade	Diameter [mm]	Max. thickness [mm]	Heat treatment condition <sup>1)</sup>
NV-M550	4500	66	QT
HY-80 acc. to MIL-S-16216K	4500	66	QT
15NiCrMo10-6 acc. to BWB WL 1.6780-1	4500	66	QT

Remarks:

<sup>1)</sup> QT: Quenched and tempered