

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000013K
Revision No:
1

This is to certify:

That
ALCHEMIA S.A.
Oddział Walcownia Rur Batory
Chorzów, Poland

is an approved manufacturer of
Steel Pipes and Fittings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Product	Pipes
Application area	Pipes for pressure systems
Steel type	Carbon and carbon-manganese
Manufacturing method	Seamless
Max. outer diameter	See page 2
Max. wall thickness	See page 2
Heat treatment condition	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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-12-05**

for **DNV GL**

This Certificate is valid until **2022-12-31**.

DNV GL local station: **Katowice**

Approval Engineer: **Stefan Röhr**

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Thorsten Lohmann
Head of Section



Job Id: **263.11-004951-3**
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Particulars of the approval

Pipes for pressure systems

Steel type/grade ¹⁾	Manufacturing method	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition
C and C-Mn	Seamless	508	30	acc. to standard

Remarks:

- ¹⁾ Suitable pipe grades shall be selected from the following recognized standards:
ISO 9329 Parts 1 and 2, ISO 9330 Parts 1 and 2, EN 10216 Parts 1 to 3, EN 10217 Parts 1 to 3,
EN 10305 Part 1 and 2, ASTM A53, ASTM A106, ASTM A135, ASTM A335, JIS G3454, JIS G3455,
JIS G3456 or JIS G3458