

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Plastic Pipes, Thermoplastic**

with type designation(s)

POLO-KAL NG; POLO-KAL NG Vacuum

Issued to

Poloplast GmbH & Co KG**Leonding, Oberösterreich, Austria**

is found to comply with

DNV GL class programme DNVGL-CP-0072 – Type approval – Thermoplastic piping systems**DNV GL rules for classification – Ships Pt.4 Ch.6 Piping systems****Application :****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2019-10-01**This Certificate is valid until **2024-03-14**.DNV GL local station: **Augsburg**Approval Engineer: **Christian Kaemmer**for **DNV GL**

Digitally Signed By: Drews, Olaf

Location: DNV GL SE Hamburg, Germany

Signing Date: 2019-10-07

Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

