

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Bulk Loading Hoses with Permanently Fitted Couplings

with type designation(s)
ROTTERDAM

Issued to

Ivg Colbachini S.P.A.
Cervarese Santa Croce, PD, Italy

is found to comply with

EN 1765:2016 Rubber hose assemblies for oil suction and discharge services – Specification for the assemblies

Application :

Hose assemblies for Oil suction and discharge applications.

This certificate is not valid for hose assemblies which are subject to Classification by DNV.

Temperature range: -20°C to 82°C

Max. working press.: 15 bar(g)

Sizes: Internal dia. (mm): 51, 60, 70, 76, 80, 102, 127, 152, 203, 254 and 305

Issued at **Høvik** on **2021-05-07**

for **DNV**

This Certificate is valid until **2026-05-06**.

DNV local station: **Italy/Malta CMC**

Approval Engineer: **Maheshraja Venkatesan**

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Zeinab Sharifi
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.

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.

