

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:**That****TMK ARTROM SA
SLATINA, 230119, Romania**is an approved manufacturer of
Steel Tubes and Pipesin accordance with
Det Norske Veritas' Rules for Classification Pt. 2

and the following particulars:

Steel type	Carbon and carbon-manganese, Alloy
Process	Seamless
Dimensions	Outer diameter maximum 244.5 mm, Wall thickness maximum 60 mm
Remarks	Including automatic non-destructive testing in lieu of hydraulic testing according to relevant piping standard

Manufacturer approved by this certificate is accepted to deliver according to DNV GL, DNV and GL rules.

This Certificate is valid until **2019-06-30**.Issued at **Høvik** on **2015-11-26**DNV GL local station: **Galatz**Approval Engineer: **Dechun Lou**for **DNV GL**

Hanne Anita Hjerpetjønn
Head of Section