



DET NORSKE VERITAS

APPROVAL OF MANUFACTURER

CERTIFICATE

CERTIFICATE No. AMM-4447

This is to certify that

Wieland-Werke AG
Vöhringen, Germany

is an approved manufacturer of

Copper and copper alloy tubes and pipes

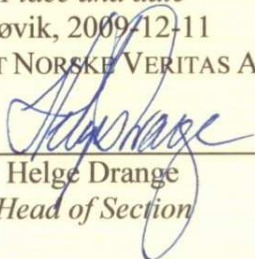
in accordance with

Det Norske Veritas' Rules for Classification Pt. 2

and the following particulars:

Alloy type	Copper
Process	Seamless
Dimensions	Outer diameter max. 70 mm Wall thickness, finned section max. 3 mm Wall thickness, unfinned section max. 8.5 mm


Place and date
Høvik, 2009-12-11
for DET NORSKE VERITAS AS


Helge Drange
Head of Section



Local Office
DNV Essen

This Certificate is valid until
2013-12-31


Sastry Yagnanna Kandukuri
Surveyor



If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.