

**DNV·GL**

## APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM000009M**

**This is to certify:**

**That**  
**Sandvik Materials Technology Canada**  
**Arnprior ON, Canada**

Is an approved manufacturer of  
**Steel Pipes and Fittings**

in accordance with  
**Det Norske Veritas' Rules for Classification Pt. 2**  
**Offshore Standard DNV-OS-B101**

and the following particulars:

<b>Steel type(s)</b>	<b>Austenitic stainless</b>
<b>Process</b>	<b>Ferritic-austenitic stainless</b>
<b>Dimensions</b>	<b>Seamless</b>
	<b>Outer diameter maximum 25.4mm</b>
	<b>Wall thickness maximum 3.05mm</b>
<b>Remarks</b>	<b>Including automated non-destructive testing in place of hydraulic testing according to relevant piping standard.</b>

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.

This Certificate is valid until **2019-12-31**.

Issued at **Hamburg** on **2016-01-12**

DNV GL local station: **Montreal**

Approval Engineer: **Christian Wildhagen**



for **DNV GL**  
Digitally Signed By: **Roehr, Stefan**  
Location: **DNV GL Hamburg, Germany**  
Signing Date: **2016-01-12**, on behalf of

**Marcus von Busch**  
**Head of Section**