

RBC Direct Investing Inc.

PRIVATELY OWNED COMPANY CERTIFICATE

FAX/SCAN COPY ACCEPTABLE

On behalf of

(the "Company"), I hereby certify that I am a duly authorized and acting officer of the Company and that in connection with the Company's accounts with RBC Direct Investing Inc. and/or any of its affiliated companies ("RBC Direct Investing[®]"):

- 1. The persons authorized to give orders or trading instructions to RBC Direct Investing in respect of account dealings for, on behalf of or in the name of the Company are not permanent or temporary residents of the United States of America ("U.S.");
- 2. No one having investment authority in respect of account dealings for, on behalf of or in the name of the Company is a permanent or temporary resident of the U.S.;
- 3. Orders and/or trading instructions for, on behalf of or in the name of the Company will not originate from the U.S.; and
- 4. The Company will promptly notify RBC Direct Investing in writing if any of the foregoing changes.

Date:			

Company Name

Name of Officer

Signature

Title

RBC Direct Investing Inc. and Royal Bank of Canada are separate corporate entities which are affiliated. RBC Direct Investing Inc. is a wholly owned subsidiary of Royal Bank of Canada and is a Member of the Canadian Investment Regulatory Organization and the Canadian Investor Protection Fund. Royal Bank of Canada and certain of its issuers are related to RBC Direct Investing Inc. RBC Direct Investing Inc. does not provide investment advice or recommendations regarding the purchase or sale of any securities. Investors are responsible for their own investment decisions. RBC Direct Investing is a business name used by RBC Direct Investing Inc. $(0, 1)^{m}$ Trademark(s) of Royal Bank of Canada. RBC and Royal Bank are registered trademarks of Royal Bank of Canada. Used under licence. $(0, 1)^{m}$ Trademark(s) of Canada. Used under licence. $(0, 1)^{m}$ Trademark(s) of Canada. RBC and Royal Bank are registered trademarks of Royal Bank of Canada. Used under licence. $(0, 1)^{m}$ Trademark(s) of Canada. RBC and Royal Bank are registered trademarks of Royal Bank of Canada. Used under licence. $(0, 1)^{m}$ Trademark(s) of Canada. The conduction of Canada and Royal Bank of Canada and Royal Bank of Canada and Royal Bank of Canada a conduction of Canada and Royal Bank of Canada And Royal