

RBC Direct Investing Inc.

TRADING AUTHORIZATION

FAX/SCAN COPY ACCEPTABLE

Account Holder Information

Client Name:

Account Number(s):

APPLICABLE TO RESIDENTS OF BRITISH COLUMBIA ONLY: Are you currently married, living common law or in a marriage-like relationship? Yes No

Please be advised that the above applicant(s) has appointed

FIRST NAME	LAST NAME
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(hereafter referred to as "Attorney") to act on behalf of the undersigned as Attorney with respect to transactions in those RBC Direct Investing Inc. ("RBC Direct Investing® ") accounts specified above, in accordance with the conditions set out in this document:

1. My appointment of an Attorney and any actions taken by my Attorney are governed by the Operation of Account Agreement which both my Attorney and I have read and agree to be bound by. My appointment of an Attorney will not, unless I specifically direct otherwise, revoke any existing power of attorney;
2. RBC Direct Investing is hereby authorized to accept and act upon the instructions of such Attorney with respect to the purchase and sale of securities on my behalf, on margin or otherwise, including the instructions of such Attorney to debit the account at Royal Bank or Royal Trust designated by me in writing from time to time, to transfer money between my Accounts and my Royal Bank or Royal Trust accounts, unless prohibited by Securities Regulations.
3. I authorize RBC Direct Investing Inc. to grant the Attorney access to any and all Account Documentation, as defined in the Operation of Account Agreement, and by signing below acknowledge that the Attorney shall have such access upon acceptance of this Trading Authorization until such time as it is terminated as set out below.
4. I agree that the foregoing instruction shall remain in full force and effect until notification to the contrary has been received in writing and duly acknowledged by RBC Direct Investing, and until such notification in writing has been given and acknowledged by me, all that the Attorney shall do or purport to do by virtue hereof is fully ratified and confirmed;
5. I expressly agree that all such transactions handled by RBC Direct Investing are at my risk and I undertake to hold RBC Direct Investing harmless and indemnify RBC Direct Investing from all costs, damages and losses, including legal costs, arising out of any such transactions.

I am aware that if my Attorney answers YES to either question 2 or 3 on page 2, I am aware of my obligation to report purchases or sales and possible restrictions on trading these securities according to applicable legislation.

PRINT APPLICANT'S NAME	PRINT CO-APPLICANT'S NAME (JOINT ACCOUNTS ONLY)
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APPLICANT'S SIGNATURE	DATE (DD/MM/YY)	CO-APPLICANT'S SIGNATURE (JOINT ACCOUNTS ONLY)	DATE (DD/MM/YY)
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Language clause: The parties hereto have expressly requested that this agreement and all documents or notice relating thereto be drafted in English only. Les parties aux présentes ont expressément exigé que la présente entente ainsi que tous les documents ou avis y afférents soient rédigés en anglais seulement.

Attorney's Information

FIRST NAME	LAST NAME	EMPLOYER
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HOME ADDRESS (P.O. Boxes and c/o not accepted)	OCCUPATION
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CITY	PROVINCE	POSTAL CODE	TYPE OF BUSINESS
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TELEPHONE (HOME)	BUSINESS/DAY	EXTENSION	NAME OF FINANCIAL INSTITUTION
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DATE OF BIRTH (DD/MM/YYYY)	TRANSIT AND BANK ACCOUNT NUMBER
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TRADING AUTHORIZATION (cont'd)**1 Relationship to Applicant(s)**

Are you an immediate family member of the Applicant(s)?

 Yes No*(By immediate family member we mean: spouse, parent, sibling, child, grandparent, grandchild, and/or any other family member who shares the Account holder's home)***If YES, specify the relationship:****If NO, complete a, b, c and d**

(a) Specify the relationship:

(b) Are you charging a fee?

 Yes No

(c) Do you have financial interest in the account?

 Yes No

(d) Are you registered/licensed to provide financial advice in the province where the client/account holder resides?

 Yes No

2 Are you or your spouse/partner a director, senior officer, 10% shareholder or more, or insider of any reporting issuer? (complete a and b)

You : Yes No**(a) If yes, please indicate the name of issuer(s):**Spouse/Partner : Yes No Not Applicable**(b) If yes, please indicate the name of issuer(s):**

3 Do you or your spouse/partner, as individuals or in combination with others, control (directly or indirectly) more than 20% of the voting securities of any reporting issuer?

 Yes No**If yes, please indicate the name of issuer(s):**

4 Are you a partner, director, officer or employee of a Member firm of the Investment Industry Regulatory Organization of Canada or a relative of any such individual living in the same household?

 Yes No

If yes, please provide the name of the Member firm and provide the required authorization letter from the Member firm:

5 Do you hold or have trading authority on any other accounts with RBC Direct Investing Inc. ?

 Yes No**If Yes, please provide the account number(s):**

6 Provide your 16-digit RBC Royal Bank® Client Card number to link it to the RBC Direct Investing Inc. account.

If I answered « yes » to either question 2 or 3, I am aware of my obligation to report purchases or sales and possible restrictions on trading of these securities according to applicable securities legislation.

I accept the appointment as Attorney and confirm that I have read and understood this authorization and the Operation of Account Agreement, and represent and warrant that I am familiar with the investment objectives of the applicant(s) and that the information included above is accurate and complete. *I hereby authorize RBC Direct Investing to review the personal information I have provided above and update my RBC Direct Investing account(s) and client information with the foregoing information, as necessary.*We are required to collect and confirm the foregoing personal information during the course of our relationship to fulfill our legal, regulatory and self-regulatory obligations in Canada and in some cases, abroad. We may obtain this information from a variety of sources, including from credit reporting agencies and other financial institutions, as is necessary. **You acknowledge receipt of notice that from time to time reports about you may be obtained by us from credit reporting agencies.**

SIGNATURE OF ATTORNEY

DATE (DD/MM/YY)

RBC Direct Investing Use

RBC Direct Investing Authorized Signature

DATE (DD/MM/YY)

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 Investment Industry Regulatory Organization of Canada 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. ® / ™ Trademark(s) of Royal Bank of Canada. RBC and Royal Bank are registered trademarks of Royal Bank of Canada. Used under licence. © Royal Bank of Canada 2021.