SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES PURSUANT TO SECTION 12(b) OR 12(g) OF THE SECURITIES EXCHANGE ACT OF 1934

TRANSCANADA CORPORATION

(Exact Name of Registrant as Specified in Its Charter)

Canada

Not Applicable

(State of incorporation or organization)

(I.R.S. Employer Identification No.)

450 – 1st Street S.W. Calgary, Alberta, T2P 5H1, Canada

(Address of Principal Executive Offices) (Zip Code)

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box. o

Securities Act registration statement file number to which this form relates: Not applicable

Securities to be registered pursuant to Section 12(b) of the Act:

Title of Each Class to be so Registered Name of Each Exchange on Which Each Class is to be Registered

Common Shares, without par value

(including rights under Shareholder Rights Plan)

New York Stock Exchange

Securities to be registered pursuant to Section 12(g) of the Act:

None (Title of Class)

Item 1. Description of Registrant's Securities to be Registered.

A complete description of the common shares (including the related rights under the shareholder rights plan) of the Registrant are contained under the caption "Information Concerning Holdco—Share Capital" in the Management Proxy Circular filed by TransCanada PipeLines Limited ("TransCanada") with the Securities and Exchange Commission (the "Commission") on Form 6-K on March 26, 2003 under the Securities Act of 1934, as amended (the "Exchange Act"). Such description is hereby incorporated by reference.

Effective on May 15, 2003 (the "Effective Date"), TransCanada, a Canadian public company whose common shares (including the related rights under shareholder rights plan) are registered under Section 12(b) of the Exchange Act, will complete an arrangement pursuant to a statutory reorganization (the "Arrangement") whereby it will become a wholly owned subsidiary of TransCanada Corporation (the "Registrant"). The Arrangement will be effected pursuant to Articles of Arrangement that will be filed with the director appointed pursuant to Section 260 of the Canada Business Corporations Act. Pursuant to the Articles of Arrangement, each issued and outstanding common share of TransCanada (and related right under the shareholder rights plan) will be exchanged for one common share (and related right under the shareholder rights plan) of the Registrant and each new common share of the Registrant will be issued in a transaction exempt from registration under Section 3(a)(10) of the Securities Act of 1933, as amended. The shareholders of TransCanada approved, among other things, the Arrangement at a special meeting of shareholders held on April 25, 2003. As a result, each holder of common shares of TransCanada will become the owner of the same number and type of shares of the Registrant.

The Registrant's common shares (including the related rights under the shareholder rights plan) will become registered under Section 12(b) of the Exchange Act as of the later of the receipt by the Commission of certification from the New York Stock Exchange or the filing of this Form 8-A with the Commission. The Registrant will assume certain registration statements filed by TransCanada prior to the Arrangement under the Securities Act of 1933, as amended, and all reports filed by TransCanada prior to the Arrangement under the Exchange Act.

Item 2. Exhibits

A list of exhibits filed herewith or incorporated herein by reference is set forth on the Index to Exhibits which is incorporated herein by reference.

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SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Date: May 13, 2003

By: /s/ Dale E. Skinner
Name: Dale E. Skinner
Title: Director

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INDEX TO EXHIBITS

Exhibit Number	Description of Document
3.1	Certificate and Articles of Incorporation of the Registrant.
3.2	By-law Number 1 of the Registrant.
4.1	Shareholder Rights Plan, dated as of April 24, 2003, by and between the Registrant and Computershare Trust Company of Canada, including the form of rights certificate.
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Certificate of Incorporation

Certificat de constitution

TransCanada Corporation	414844-4
Name of corporation-Dénomination de la société	Corporation number-Numéro de la société
I hereby certify that the above-named corporation, the articles of incorporation of which are attached, was incorporated under the <i>Canada Business Corporations Act</i> .	Je certifie que la société susmentionnée, dont les statuts constitutifs sont joints, a été constituée en société en vertu de la <i>Loi canadienne sur les sociétés par actions</i> .
/s/ [ILLLEGIBLE] Director - Directeur	February 25, 2003 / le 25 février 2003 Date of Incorporation - Date de constitution

-	Industry Canada	Industrie Canada
	Canada Business Corporations Act	Loi canadienne sur les sociétés par actions

FORM 1 ARTICLES OF INCORPORATION

FORMULE 1 STATUTS CONSTITUTIFS

Canada Business Loi canadienne sur les Corporations Act sociétés par actions	(SECTION 6)	(ARTICLE 6)
- Name of corporation	Dénomination de la société	(LIMITOLL V)
TransCanada Corporation		
- The place in Canada where the registered office is to be situated	Lieu au Canada où doit être sit	ué le siège social
the Province of Alberta		
- The classes and any maximum number of shares that the corporation is a	uthorized to issue Catégories et tout nombre max	cimal d'actions que la société est autorisée à émettre
ee attached Schedule "A".		
- Restrictions, if any, on share transfers	Restrictions sur le transfert des	s actions, s'il y a lieu
here are no restrictions on the transfer of shares of the Corp	oration.	
- Number (or minimum and maximum number) of directors	Nombre (ou nombre minimal e	et maximal) d'administrateurs
The Board of Directors of the Corporation shall consist of su Directors.	ch number, being not less than ten and not more than twenty, as ma	y be determined from time to time by the Board o
- Restrictions, if any, on business the corporation may carry on	Limites imposées à l'activitéco	ommerciale de la société, s'il y a lieu
There are no restrictions on the business which the Corporati	on may carry on.	
- Other provisions, if any	Autres dispositions, s'il y a lie	и
ee attached Schedule "B".		
- Incorporators – Fondateurs		February 25, 2003
Name(s) - Nom(s)	Address (include postal code) Adresse (inclure le code postal)	Signature
		(C/D) 11 F.C.C.

8 - Incorporators – Fondateurs		February 25, 2003
Name(s) - Nom(s)	Address (include postal code) Adresse (inclure le code postal)	Signature
TransCanada PipeLines Limited	450 – 1 st Street S.W. Calgary, Alberta T2P 5H1	/S/ Rhondda E.S. Grant
FOR DEPARTMENTAL USE ONLY – À L'USAGE DU MINISTÈRE SEULEMENT Corporation No. – N° de la société		Filed – Déposée February 25, 2003
IC 3419 (5/95)		

Schedule "A"

to the Articles of Incorporation of **TransCanada Corporation**

The classes and any maximum number of shares that the Corporation is authorized to issue:

an unlimited number of common shares;

- B. an unlimited number of First Preferred Shares; and
- C. an unlimited number Second Preferred Shares.

The rights, privileges, restrictions and conditions attaching to each class of shares of the Corporation are set out below.

A. COMMON SHARES

The common shares of the Corporation shall entitle the holders thereof to one vote at all meetings of shareholders, except meetings at which only holders of another specified class of shares are entitled to vote, and shall, subject to the rights, privileges, restrictions and conditions attaching to the First Preferred Shares and the Second Preferred Shares, whether as a class or a series, and to any other class or series of shares of the Corporation which rank prior to the common shares, entitle the holders thereof to receive (i) dividends if, as and when declared by the Board of Directors of the Corporation out of the assets of the Corporation properly applicable to the payment of dividends in such amount and payable at such times and at such place or places as the Board of Directors may from time to time determine and (ii) the remaining property of the Corporation upon a dissolution.

B. <u>FIRST PREFERRED SHARES</u>

The First Preferred Shares shall, as a class, carry and be subject to the rights, privileges, restrictions and conditions hereinafter set forth:

Issue In Series

1. The directors of the Corporation may at any time and from time to time issue the First Preferred Shares in one or more series, each series to consist of such number of shares as may before issuance thereof be determined by the directors.

Provisions Attaching to the First Preferred Shares

2. The First Preferred Shares of any series may have attached thereto rights, privileges, restrictions and conditions whether with regard to dividends (which, in the case of fixed dividends, shall in all cases be cumulative), voting, the right to convert such shares into common shares or otherwise including, without limiting the generality of the foregoing, the following kinds of rights, privileges, restrictions and conditions, namely with respect to: (i) the redemption and purchase of First Preferred Shares by the Corporation; (ii) sinking funds or funds for

purchase or redemption of First Preferred Shares; (iii) payment of dividends on any other shares of the Corporation; (iv) redemption, purchase or payment off of any shares of the Corporation or any subsidiary of the Corporation; (v) the exercise by the Corporation of any election open to it to make any payments of corporation, income or other taxes; (vi) subdivision, consolidation or reclassification of any shares of the Corporation; (vii) borrowing by the Corporation or any subsidiary of the Corporation; (viii) the creation or issue of any debt or equity securities by the Corporation or any subsidiary of the Corporation including the issue of any First Preferred Shares in addition to the First Preferred Shares at any time outstanding; (ix) reduction of capital by the Corporation or any subsidiary of the Corporation or any subsidiary of the Corporation; (xi) conduct of the business of the Corporation or investment of its funds; (xii) meetings of the holders of the First Preferred Shares; and (xiii) the right of holders of First Preferred Shares to convert or exchange such shares into shares of any class of the Corporation or into or for any other securities of the Corporation or into or for shares or securities of any other company.

Directors' Resolutions

3. The directors of the Corporation may, subject as hereinafter provided, by resolution fix from time to time before the issue thereof, the designation, rights, privileges, restrictions and conditions attaching to the First Preferred Shares of each series.

Return of Capital

4. When any fixed cumulative dividends or amounts payable on a return of capital are not paid in full, the First Preferred Shares of all series shall participate rateably with all preferred shares, if any, which rank on a parity with the First Preferred Shares with respect to payment of dividends, in respect of such dividends, including accumulations, if any, in accordance with the sums which would be payable on the First Preferred Shares and such other preferred shares if all such dividends were declared and paid in full in accordance with their terms, and the First Preferred Shares shall participate rateably with all preferred shares, if any, which rank on a parity with the First Preferred Shares with respect to repayment of capital, in respect of any return of capital in accordance with the sums which would be payable on the First Preferred Shares and such other preferred shares on such return of capital if all sums so payable were paid in full in accordance with their terms.

Preferences

5. The First Preferred Shares of each series shall rank on a parity with the First Preferred Shares of every other series, and shall be entitled to preference with respect to payment of dividends over the common shares and over any other shares ranking junior to the First Preferred Shares with respect to payment of dividends and shall be entitled to preference with respect to distribution of assets in the event of liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary, or any other distribution of the assets of the Corporation among its shareholders for the purpose of winding-up its affairs over the common shares and over any other shares ranking junior to the First Preferred Shares with respect to repayment of capital and may also be given such other preferences not inconsistent with the provisions hereof over the common shares and over any other shares ranking junior to the First Preferred Shares in

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any respect as may be determined in the case of each series of First Preferred Shares authorized to be issued.

Purchase for Cancellation

6. Subject to the provisions of the *Canada Business Corporations Act* and subject to the provisions relating to any particular series of First Preferred Shares, the Corporation may at any time or times purchase for cancellation (if obtainable) out of capital or otherwise the whole or any part of the First Preferred Shares of any one or more series outstanding from time to time in the market (including purchase through or from an investment dealer or firm holding membership on a recognized stock exchange) or by invitation for tenders addressed to all the holders of record of the said series of First Preferred Shares outstanding at the lowest price or prices at which in the opinion of the directors such shares are obtainable but not exceeding the price at which, at the date of purchase, such shares are redeemable, plus costs of purchase. If upon any invitation for tenders under the provisions of this section 6 more First Preferred Shares of any particular series are tendered at a price or prices acceptable to the Corporation than the Corporation is willing to purchase, the Corporation will accept, to the extent required, the tenders submitted at the lowest price and then, if and as required, the tenders submitted at the next progressively higher prices and, if more shares are tendered at any such price than the Corporation is prepared to purchase, the shares tendered at that price will be purchased as nearly as may be

pro rata (disregarding fractions) according to the number of First Preferred Shares of such series so tendered by each of the holders of First Preferred Shares who submitted tenders at that price. From and after the date of purchase of any First Preferred Shares under the provisions of this section 6, the shares so purchased shall be cancelled.

Redemption

7. Subject to the provisions of the *Canada Business Corporations Act* and subject to the provisions relating to any particular series, the Corporation, upon giving notice as hereinafter provided, may redeem out of capital or otherwise at any time the whole or from time to time any part of the then outstanding First Preferred Shares of any one or more series on payment for each share of such price or prices as may at the time be applicable to such series. Subject as aforesaid, in case a part only of the then outstanding First Preferred Shares of any particular series is at any time to be redeemed, the shares so to be redeemed shall be selected by lot in such manner as the directors or the transfer agent, if any, appointed by the Corporation in respect of the First Preferred Shares of such series shall decide or, if the directors so determine, may be redeemed pro rata disregarding fractions.

Procedure on Redemption

8. Subject to the provisions of the *Canada Business Corporations Act* and subject to the provisions relating to any particular series, in any case of redemption of First Preferred Shares under the provisions of the foregoing section 7, the following provisions shall apply. The Corporation shall at least 30 days before the date specified for redemption mail to each person who at the date of mailing is a registered holder of First Preferred Shares to be redeemed a notice in writing of the intention of the Corporation to redeem such First Preferred Shares. Such notice shall be mailed in a prepaid letter addressed to each such shareholder at his address as it appears

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in the securities register maintained by or for the Corporation or in the event of the address of any such shareholder not so appearing then to the last known address of such shareholder, provided, however, that accidental failure to give any such notice to one or more of such holders shall not affect the validity of such redemption. Such notice shall set out the redemption price and the date on which redemption is to take place and, if part only of the shares held by the person to whom it is addressed is to be redeemed, the number thereof so to be redeemed. On or after the date so specified for redemption the Corporation shall pay or cause to be paid to or to the order of the registered holders of the First Preferred Shares to be redeemed the redemption price on presentation and surrender at the registered office of the Corporation or any other place designated in such notice of the certificates for the First Preferred Shares called for redemption. Such payment shall be made by cheque of the Corporation payable in lawful money of Canada at par at any branch of the Corporation's bankers for the time being in Canada. Such First Preferred Shares shall thereupon be redeemed and shall be cancelled. If a part only of the shares represented by any certificate be redeemed, a new certificate for the balance shall be issued at the expense of the Corporation. From and after the date so specified for redemption, the First Preferred Shares called for redemption shall cease to be entitled to dividends and the holders thereof shall not be entitled to exercise any of the rights of shareholders in respect thereof unless payment of the redemption price shall not be made upon presentation of certificates in accordance with the foregoing provisions, in which case the rights of such holders shall remain unaffected. The Corporation shall have the right at any time after the mailing of notice of its intention to redeem any First Preferred Shares as aforesaid to deposit the redemption price of the shares so called for redemption, or of such of the said shares represented by certificates which have not at the date of such deposit been surrendered by the holders thereof in connection with such redemption, to a special account in any chartered bank or any trust company in Canada named in such notice, to be paid without interest to or to the order of the respective holders of such First Preferred Shares called for redemption upon presentation and surrender to such bank or trust company of the certificates representing the same and upon such deposit being made or upon the date specified for redemption in such notice, whichever is the later, the First Preferred Shares in respect whereof such deposit shall have been made shall be cancelled and the rights of the holders thereof after such deposit or such redemption date, as the case may be, shall be limited to receiving without interest their proportionate part of the total redemption price so deposited against presentation and surrender of the said certificates held by them respectively.

Rights to Subscribe to Other Securities

9. The holders of the First Preferred Shares shall not as such be entitled as of right to subscribe for or purchase or receive any part of any issue of shares or bonds, debentures or other securities of the Corporation now or hereafter authorized otherwise than in accordance with the conversion, exchange or other rights, if any, which may from time to time attach to any series of the First Preferred Shares.

Rights to Attend and Vote at Shareholders' Meetings

10. Subject to the provisions of the *Canada Business Corporations Act*, and except as hereinafter provided, the holders of the First Preferred Shares shall not be entitled to receive notice of or attend any meeting of the shareholders of the Corporation and shall not be entitled to any vote at any such meeting. The holders of any particular series of First Preferred Shares will,

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if the directors so determine prior to the issuance of any such series, be entitled to such voting rights as may be determined by the directors if the Corporation fails to pay dividends on that series of First Preferred Shares for any period as may be so determined by the directors.

Amendments

11. The provisions of the foregoing sections 1 to 10, inclusive, the provisions of this section 11 and the provisions of the following section 12 may be repealed, altered, modified, amended or amplified only with the sanction of the holders of the First Preferred Shares given as hereinafter specified in addition to any other approval required by the *Canada Business Corporations Act*.

Sanction by Holders of First Preferred Shares

12. The sanction of holders of the First Preferred Shares or of any series of the First Preferred Shares as to any and all matters referred to herein or as may otherwise be required by the *Canada Business Corporations Act*, or the provisions relating to any particular series may, subject to the provisions applicable to such series, and subject to the provisions of the *Canada Business Corporations Act*, be given by resolution passed at a meeting of such holders duly called and held for such purpose at which the holders of at least a majority of the outstanding First Preferred Shares or series, as the case may be, are presented by proxy and carried by the affirmative vote of the holders of not less than 66 2/3% of the First Preferred Shares or series, as the case may be, represented and voted at such meeting cast on a poll. If at any such meeting the holders of a majority of the outstanding First Preferred Shares or series, as the case may be, are not present or represented by proxy within half an hour after the time appointed for the meeting shall be adjourned to such date being not less than 15 days later and to such time and place as may be appointed by the chairman and at least ten days notice shall be given of such adjourned meeting but it shall not be necessary in such notice to specify the purpose for which the meeting was originally called. At such adjourned meeting the holders of First Preferred Shares present or represented by proxy shall form a quorum and may transact the business for which the meeting was originally convened and a resolution passed thereat by the affirmative vote of the holders of not less than 66 2/3% of the First Preferred Shares represented and voted at such adjourned meeting cast on a poll shall constitute the sanction of the holders of First Preferred Shares or series referred to in this section 12. The formalities to be observed with respect to the giving of notice of any such meeting or adjourned meeting and the conduct thereof shall be those which may from time to time be pr

C. SECOND PREFERRED SHARES

The Second Preferred Shares shall, as a class, carry and be subject to the rights, privileges, restrictions and conditions hereinafter set forth:

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Issue in Series

1. The directors of the Corporation may at any time and from time to time issue the Second Preferred Shares in one or more series, each series to consist of such number of shares as may before issuance thereof be determined by the directors.

Provisions attaching to the Second Preferred Shares

The Second Preferred Shares of any series may have attached thereto rights, privileges, restrictions and conditions whether with regard to dividends (which, in the case of fixed dividends, shall in all cases be cumulative), voting, the right to convert such shares into common shares or otherwise including, without limiting the generality of the foregoing, the following kinds of rights, privileges, restrictions and conditions, namely with respect to: (i) the redemption and purchase of Second Preferred Shares by the Corporation; (ii) sinking funds or funds for purchase or redemption of Second Preferred Shares; (iii) payment of dividends on any other shares of the Corporation; (iv) redemption, purchase or payment of any shares of the Corporation or any subsidiary of the Corporation, income or other taxes; (vi) subdivision, consolidation or reclassification of any shares of the Corporation or any subsidiary of the Corporation; (viii) the creation or issue of any debt or equity securities by the Corporation or any subsidiary of the Corporation including the issue of any Second Preferred Shares in addition to the Second Preferred Shares at any time outstanding; (ix) reduction of capital by the Corporation or any subsidiary of the Corporation; (x) retirement of notes, bonds or debentures or other indebtedness of the Corporation or any subsidiary of the Corporation or investment of its funds; (xii) meetings of the bolders of the Second Preferred Shares; and (xiii) the right of holders of Second Preferred Shares to convert or exchange such shares of any class of the Corporation into or for any other securities of the Corporation or into or for shares or securities of any other company.

Directors' Resolution

3. The directors of the Corporation may, subject as hereinafter provided, by resolution fix from time to time before the issue thereof, the designation, rights, privileges, restrictions and conditions attaching to the Second Preferred Shares of each series.

Liquidation, Dissolution or Winding-Up

4. The Second Preferred Shares of all series shall rank junior to the First Preferred Shares with respect to priority in payment of dividends and with respect to distribution of assets in the event of liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary, or any other distribution of the assets of the Corporation among its shareholders for the purpose of winding-up its affairs, and will be subject in all respects to the rights, privileges, restrictions and conditions attaching to the First Preferred Shares as a class and to each series of First Preferred Shares.

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Return of Capital

5. When any fixed cumulative dividends or amounts payable on a return of capital are not paid in full, the Second Preferred Shares of all series shall participate rateably with all preferred shares, if any, which rank on a parity with the Second Preferred Shares with respect to payment of dividends, in respect of such dividends, including accumulations, if any, in accordance with the sums which would be payable on the Second Preferred Shares and such other preferred shares if all such dividends were declared and paid in full in accordance with their terms, and the Second Preferred Shares shall participate rateably with all preferred shares, if any, which rank on a parity with the Second Preferred Shares with respect to repayment of capital, in respect of any return of capital in accordance with the sums which would be payable on the Second Preferred Shares and such other preferred shares on such return of capital if all sums so payable were paid in full in accordance with their terms.

Preferences

6. The Second Preferred Shares of each series shall rank on a parity with the Second Preferred Shares of every other series, and shall be entitled to preference with respect to payment of dividends over the common shares and over any other shares ranking junior to the Second Preferred Shares with respect to payment of dividends and shall be entitled to preference with respect to distribution of assets in the event of liquidation, dissolution or winding-up of the Corporation, whether voluntary of involuntary, or any other distribution of the assets of the Corporation among its shareholders for the purpose of winding-up its affairs over the common shares and over any other shares ranking junior to the Second Preferred Shares with respect to repayment of capital and may also be given such other preferences not inconsistent with the provisions hereof over the common shares and over any other shares ranking junior to the Second Preferred Shares in any respect as may be determined in the case of each series of Second Preferred Shares authorized to be issued.

Purchase for Cancellation

7. Subject to the provisions of the *Canada Business Corporations Act* and subject to the provisions relating to any particular series of Second Preferred Shares, the Corporation may at any time or times purchase for cancellation (if obtainable), out of capital or otherwise, the whole or any part of the Second Preferred Shares of any one or more series outstanding from time to time in the market (including purchase through or from an investment dealer or firm holding membership on a recognized stock exchange) or by invitation for tenders addressed to all the holders of record of the said series of Second Preferred Shares outstanding at the lowest price or prices at which in the opinion of the directors such shares are obtainable but not exceeding the price at which, at the date of purchase, such shares are redeemable, plus costs of purchase. If upon any invitation for tenders under the provisions of this section 7 more Second Preferred Shares of any particular series are tendered at a price or prices acceptable to the Corporation than the Corporation is willing to purchase, the Corporation will accept, to the extent required, the tenders submitted at the lowest price and then, if and as required, the tenders submitted at the next progressively higher prices and, if more shares are tendered at any such price than the Corporation is prepared to purchase, the shares tendered at that price will be purchased as nearly as may be pro rata (disregarding fractions) according to the number of Second Preferred Shares

Redemption

8. Subject to the provisions of the *Canada Business Corporations Act* and subject to the provisions relating to any particular series, the Corporation, upon giving notice as hereinafter provided, may redeem out of capital or otherwise at any time the whole or from time to time any part of the then outstanding Second Preferred Shares of any one or more series on payment for each share of such price or prices as may at the time be applicable to such series. Subject as aforesaid, in case a part only of the then outstanding Second Preferred Shares of any particular series is at any time to be redeemed, the shares so to be redeemed shall be selected by lot in such manner as the directors or the transfer agent, if any, appointed by the Corporation in respect of the Second Preferred Shares of such series shall decide or, if the directors so determine, may be redeemed pro rata disregarding fractions.

Procedure on Redemption

9. Subject to the provisions of the *Canada Business Corporations Act* and subject to the provisions relating to any particular series, in any case of redemption of Second Preferred Shares under the provisions of the foregoing section 8, the following provisions shall apply. The Corporation shall at least 30 days before the date specified for redemption mail to each person who at the date of mailing is a registered holder of Second Preferred Shares to be redeemed a notice in writing of the intention of the Corporation to redeem such Second Preferred Shares. Such notice shall be mailed in a prepaid letter addressed to each such shareholder at his address as it appears in the securities register maintained by or for the Corporation or in the event of the address of any such shareholder not so appearing then to the last known address of such shareholder, provided, however, that accidental failure to give any such notice to one or more of such holders shall not affect the validity of such redemption. Such notice shall set out the redemption price and the date on which redemption is to take place and, if part only of the shares held by the person to whom it is addressed is to be redeemed, the number thereof so to be redeemed. On or after the date so specified for redemption the Corporation shall pay or cause to be paid to or to the order of the registered holders of the Second Preferred Shares to be redeemed the redemption price on presentation and surrender at the registered office of the Corporation or any other place designated in such notice of the certificates for the Second Preferred Shares called for redemption. Such payment shall be made by cheque of the Corporation payable in lawful money of Canada at par at any branch of the Corporation's bankers for the time being in Canada. Such Second Preferred Shares shall thereupon be redeemed and shall be cancelled. If a part only of the shares represented by any certificate be redeemed, a new certificate for the balance shall be issued at the expense of the Corporat

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deposit the redemption price of the shares so called for redemption, or of such of the said shares represented by certificates which have not at the date of such deposit been surrendered by the holders thereof in connection with such redemption, to a special account in any chartered bank or any trust company in Canada named in such notice, to be paid without interest to or to the order of the respective holders of such Second Preferred Shares called for redemption upon presentation and surrender to such bank or trust company of the certificates representing the same and upon such deposit being made or upon the date specified for redemption in such notice, whichever is the later, the Second Preferred Shares in respect whereof such deposits shall have been made shall be deemed to be redeemed and shall be cancelled and the rights of the holders thereof after such deposit or such redemption date, as the case may be, shall be limited to receiving without interest their proportionate part of the total redemption price so deposited against presentation and surrender of the said certificates held by them respectively.

Rights to Subscribe to Other Securities

10. The holders of the Second Preferred Shares shall not as such be entitled as of right to subscribe for or purchase or receive any part of any issue of shares or bonds, debentures or other securities of the Corporation now or hereafter authorized otherwise than in accordance with the conversion, exchange or other rights, if any, which may from time to time attach to any series of the Second Preferred Shares.

Rights to Attend and Vote at Shareholders' Meetings

11. Subject to the *Canada Business Corporations Act*, and except as hereinafter provided, the holders of the Second Preferred Shares shall not be entitled to receive notice of or attend any meeting of the shareholders of the Corporation and shall not be entitled to any vote at any such meeting. The holders of any particular series of Second Preferred Shares will, if the directors so determine prior to the issuance of any such series, be entitled to such voting rights as may be determined by the directors if the Corporation fails to pay dividends on that series of Second Preferred Shares for any period as may be so determined by the directors.

Amendments

12. The provisions of sections 1 to 11, inclusive, the provisions of this section 12 and the provisions of the following section 13 may be repealed, altered, modified, amended or amplified only with the sanction of the holders of the Second Preferred Shares given as hereinafter specified in addition to any other approval required by the *Canada Business Corporations Act*.

Sanction by Holders of Second Preferred Shares

13. The sanction of holders of the Second Preferred Shares or of any series of the Second Preferred Shares as to any and all matters referred to herein or as may otherwise be required by the *Canada Business Corporations Act* or the provisions relating to any particular series may, subject to the provisions applicable to such series, and subject to the *Canada Business Corporations Act*, be given by resolution passed at a meeting of such holders duly called and held for such purpose at which the holders of at least a majority of the outstanding Second Preferred Shares or series, as the case may be, are present or represented by proxy and carried by the affirmative vote of the holders of not less than 66 2/3% of the Second Preferred Shares or

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series, as the case may be, represented and voted at such meeting cast on a poll. If at any such meeting the holders of a majority of the outstanding Second Preferred Shares or series, as the case may be, are not present or represented by proxy within half an hour after the time appointed for the meeting then the meeting shall be adjourned to such date being not less than 15 days later and to such time and place as may be appointed by the chairman and at least ten days notice shall be given of such adjourned meeting but it shall not be necessary in such notice to specify the purpose for which the meeting was originally called. At such adjourned meeting the holders of Second Preferred Shares present or represented by proxy shall form a quorum and may transact the business for which the meeting was originally convened and a resolution passed thereat by the affirmative vote of the holders of not less than 66 2/3% of the Second Preferred Shares represented and voted at such adjourned meeting cast on a poll shall constitute the sanction of the holders of Second Preferred Shares or series referred to in this section 13. The formalities to be observed with respect to the giving of notice of any such meeting or adjourned meeting and the conduct thereof shall be those which may from time to time be prescribed in the by-laws of the Corporation with respect to meetings of shareholders. On every poll taken at every such original or adjourned meeting every holder of Second Preferred Shares shall be entitled to one vote in respect of each Second Preferred Share held.

Schedule "B"

to the Articles of Incorporation of TransCanada Corporation

Other Provisions

Without in any way limiting the powers conferred upon the Corporation and its directors by the *Canada Business Corporations Act*, the Board of Directors of the Corporation may, without authorization of the shareholders, from time to time on behalf of the Corporation in such amounts and on such terms as it deems expedient:

- (a) borrow money upon the credit of the Corporation;
- (b) issue, reissue, sell or pledge debt obligations of the Corporation;
- (c) give guarantees on behalf of the Corporation to secure performance of an obligation to any person; and
- (d) charge, mortgage, hypothecate, pledge or otherwise create or grant any form of security interest in, all or any real or personal, movable or immovable, property of the Corporation, currently owned or subsequently acquired, including book debts, rights, powers, franchises and undertaking, to secure any debt, obligation or any money borrowed or other debt or liability of the Corporation.

The Board of Directors may delegate to such one or more of the directors, a committee of directors or officers of the Corporation as may be designated by the Board all or any of the powers conferred on the Board by the foregoing provisions to such extent and in such manner as the Board shall determine at the time of each such delegation.

In addition to any power the directors may have pursuant to the *Canada Business Corporations Act* to fill vacancies among their number, but subject to the maximum number of directors provided for in the articles, the directors may appoint up to two additional directors, who shall hold office for a term expiring not later than the close of the next annual meeting of shareholders, provided such appointments shall not exceed one-third of the number of directors elected at the previous annual meeting of shareholders.

Meetings of shareholders of the Corporation may be held outside Canada at any of the following places: Chicago, Illinois; Boston, Massachusetts; New York, New York; Washington, D.C.; Denver, Colorado; Houston, Texas; San Francisco, California; Los Angeles, California; Atlanta, Georgia; Tampa, Florida; Orlando, Florida; and Seattle, Washington.



FORM 3 NOTICE OF REGISTERED OFFICE OR NOTICE OF CHANGE OF ADDRESS OF REGISTERED OFFICE (SECTION 19)

FORMULE 3 AVIS DE DÉSIGNATI DE CHANGEMENT D'ADRESSE (ARTICLE 19)

(SECTION 19)

1-Name of the corporation – Dénomination sociale de la société

TransCanada Corporation

3 - Place in Canada where the registered office is situated. (Describe the place in terms of a broad municipal definition. This place must match the place listed in Item 2 of the Articles.)

Lieu de siège social au Canada. (indiquer le lieu selon la définition gégérale de municipalité. Il doit correspondre au statuts.)

Province of Alberta

4 - Address of Registered Office – Adresse due siège social

450 – 1st Street S.W. Calgary, Alberta T2P 5H1

CAUTION: AVIS: Address of registered office must be within the place that is described in the Articles and Item 3; otherwise an amendment to the Articles is required (paragraph 173(1)(b) of the Act, use Form 4) in additic L'adresse du siège social doit se trouver dans les limites du lieu indiqué dans les statuts et à la rubrique 3. Sinon, il faut midifier les statuts (alinéa 173(1)b) de la Loi) et remplir, outre la présente formule,

5 - Effective Date of Change —Date de prise d'effet

As of date of incorporation

6 - Previous Address of Registered Office —Ancienne adresse du siège social

Feb. 25, 2003

Not applicable.

Filed

Déposée

Date	Signature		Title — Titre
February 25, 2003	TransCanada PipeLines Limited Per: /S/ Rhondda E.S. Grant		Incorporator
For Departmental Use Only — À l'usage du ministé	re seulement	IC 3420 (1998/04)	



FORM 6 NOTICE OF DIRECTORS OR NOTICE OF CHANGE OF DIRECTORS (SECTIONS 106 AND 113)

1 - Name of corporation – Dénomina	tion de la société		2 - Corporation No. – N° de la société
TransCanada Corporation			
3 - The following persons became di	rectors of this corporation	Les personnes suivantes sont devenues administrateurs de la prése	nte société
Name Nom	Effective Date Date d'entrée en vigueur :	Residential Address –	Adresse domiciliaire
Skinner, Dale E.	As of date of incorporation	239 Pump Hill Crescent S.W. Calgary, Alberta T2V 4L9	
4 - The following persons ceased to l	pe directors of this corporation	Les personnes suivantes ont cessé d'être administrateurs de la prés	sente société
Name Nom	Effective Date Date d'entrée en vigueur :		ddress – Adresse domiciliaire
5 - The directors of this corporation i		Les administrateurs de la présente société sont maintenant	
5 - The directors of this corporation i	low are	Les aummistrateurs de la presente societe sont manitenant	
Name Nom		Residential Address – Adresse domiciliaire	
Skinner, Dale E.	239 Pump Hill Crescent S.W. Calgary, Alberta T2V 4L9		
Date	Signature	Title – Titre	
February 25, 2003	TransCanada PipeLines Limited Per: /S/ Rhondda E.S. Grant	Incorporator	
IC 3103 (S/96)		Filed – Déposée Feb. 25, 2003	



BY-LAW NUMBER 1

A By-law relating generally to the transaction of the business and affairs of TransCanada Corporation

May 15, 2003

TRANSCANADA CORPORATION

BY-LAW NUMBER 1

A By-law relating generally to the transaction of the business and affairs of TransCanada Corporation

BE IT ENACTED as a by-law of TransCanada Corporation as follows:

SECTION ONE INTERPRETATION

- 1.01 Definitions. In this by-law and all other by-laws and ordinary and special resolutions of the Corporation, unless the context otherwise requires:
 - (i) "Act" means the Canada Business Corporations Act and any act that may be substituted therefor as from time to time in effect;
 - (ii) "articles" means the articles of incorporation of the Corporation, as from time to time amended or restated;
 - (iii) "board" means the board of directors of the Corporation;
 - (iv) "Corporation" means the corporation, "TransCanada Corporation";
 - (v) "meetings of shareholders" includes an annual or special meeting of shareholders or of any class or classes of shareholders; and
- 1.02 *Interpretation.* Subject to section 1.01 of this by-law, words and expressions defined in the Act have the same meanings when used herein and words importing the singular include the plural and vice versa; words importing any gender include any other gender; and words importing persons include individuals, bodies corporate, partnerships, trusts and unincorporated organizations.

SECTION TWO REGISTERED OFFICE

- 2.01 *Registered Office.* The registered office of the Corporation shall be at such place in the City of Calgary, in the Province of Alberta, as the board may from time to time determine.
- 2.02 Trade Name. The Corporation may carry on business as or identify itself by "TransCanada".

- 3.01 Powers and Quorum. The board shall manage the business and affairs of the Corporation. Four directors shall constitute a quorum.
- 3.02 *Election and Term.* The directors shall be elected at each annual meeting of shareholders to hold office until the next annual meeting or until their respective successors are elected or appointed. At any annual meeting every retiring director shall, if qualified under the Act, be eligible for re-election unless such director is older than the maximum age which may be fixed from time to time by the directors.
- 3.03 *Vacancies.* Subject to the Act, where a vacancy occurs in the board, and a quorum of directors remains, the directors remaining in office may appoint a qualified person to fill the vacancy for the remainder of the term.
- 3.04 *Meetings*. Meetings of the board may be held at any place within or outside Canada. Meetings may be called by the chair, vice chair, the chief executive officer, the president or any two directors.
- 3.05 *Meetings by Telephone.* Subject to the requirements of the Act, any director may participate in a meeting of the board by means of a telephonic, electronic or other communication facility as permit all persons participating in the meeting to communicate adequately with each other during the meeting. Each director so participating shall be deemed to be present at such meeting and such meeting shall be deemed to be held at the place specified in the notice calling such meeting and, in the absence of any such specification, at the place where or from which the chair of the meeting shall have presided.
- 3.06 Resolution in Lieu of Meeting. A resolution in writing, signed by all the directors entitled to vote on that resolution at a meeting of directors or a committee of directors, is as valid as if it had been passed at a meeting of directors or committee of directors.
- 3.07 *Notices.* Notice of the time and place for holding a meeting shall be given to every director not less than 48 hours before the meeting is to be held; provided that notice shall not be required if the meeting is held immediately following an annual meeting of shareholders.
- 3.08 *Voting.* At all meetings of the board every matter shall be decided by a majority of the votes cast; and in case of an equality of votes the chair of the meeting shall be entitled to a casting vote in addition to his original vote.

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3.09 Remuneration of Directors. The directors shall be paid such remuneration for their services as the board may from time to time determine. The remuneration, if any, payable to a director who is also an officer or employee of the Corporation or who serves it in any professional capacity shall, unless the board otherwise directs, be in addition to his salary as an officer or employee or to his professional fees, as the case may be. The directors may also be paid their reasonable out-of-pocket expenses incurred in attending meetings of the directors, shareholders or committees of the board or otherwise in the performance of their duties.

SECTION FOUR COMMITTEES

- 4.01 *Executive or Planning Committee.* The directors may appoint from among their number an executive or planning committee and delegate to the executive or planning committee any powers of the board, subject to any restrictions imposed from time to time by the board or by the Act. Meetings of the executive or planning committee may be held at any place within or outside Canada.
- 4.02 *Audit Committee.* The directors shall appoint from among their number an audit committee to be composed of not fewer than three directors, who shall not be officers or employees of the Corporation or any affiliate of the Corporation. The audit committee shall have the duties provided in the Act and may exercise such other duties and perform such other functions as may be determined by the board.
- 4.03 Other Committees. Subject to the Act, the directors may from time to time appoint such other committees with such duties as it may deem advisable.
- 4.04 *Procedure.* Subject to the Act and any restrictions imposed by the board, each committee shall have power to fix its quorum, to elect its chair and to regulate its procedure.

SECTION FIVE OFFICERS

Appointment. The board shall elect or appoint a chair of the board who may serve in a non-executive capacity, and a president and may elect or appoint a vice chair, one or more executive, senior, assistant and/or other vice presidents, a corporate secretary, a treasurer and a controller and such other officers as the board may determine, including one or more assistants to any of the officers so appointed. No person may hold the office of chair or vice chair unless that person is a director. The same person may hold more than one office.

- 5.02 Chief Executive Officer. The board may designate an officer as the chief executive officer. The chief executive officer shall have the general supervision of the business and affairs of the Corporation, subject to the direction of the board. In addition, the chief executive officer shall have the power to appoint an assistant controller, an assistant treasurer, an assistant corporate secretary and such division or business unit presidents and/or division or business unit vice presidents and such other divisional or business unit officers as the chief executive officer considers appropriate. Any such division or business unit presidents and division or business unit vice presidents are not, and shall not be, unless otherwise designated by the Board, officers of the Corporation.
- 5.03 *Chief Operating Officer.* The board may designate an officer as the chief operating officer. The chief operating officer shall have the general supervision of the operations of the Corporation, subject to the direction of the chief executive officer.
- 5.04 *Chair.* The chair shall preside at all meetings of the board and of shareholders and shall have such other powers and duties as the board may prescribe. If and whenever the chair is unable to act, his powers and duties shall devolve upon the vice chair, if appointed, or failing the vice chair, the chief executive officer.
- 5.05 *President.* If and whenever the president is unable to act, his powers and duties shall devolve upon such director or officer as the board may designate.
- 5.06 *Corporate Secretary.* The corporate secretary shall attend and be the secretary of all meetings of the board and shareholders; shall give or cause to be given notices of such meetings; and shall be the custodian of the corporate seal and of the records and contracts, documents and other instruments of the Corporation except when some other person has been designated for that purpose by the board.

5.07 *Other Powers and Duties*. Every officer, except the chief executive officer and the chair, shall have such powers and duties as the board or the chief executive officer may prescribe in addition to the powers and duties provided by this by-law. Any of the powers and duties of an officer to whom an assistant has been appointed may be exercised and performed by such assistant, unless the board or the chief executive officer otherwise directs.

5.08 Term of Office. Every officer appointed by the board shall hold office during the pleasure of the board.

SECTION SIX PROTECTION OF DIRECTORS AND OFFICERS

6.01 *Limitation of Liability.* No director or officer of the Corporation shall be liable for the acts, receipts, neglects or defaults of any other director or officer or any employee or for any liability or expense sustained or incurred by the Corporation in the execution of the duties of his office, provided that nothing herein contained shall relieve any director or officer of any liability in contravention of the Act or any other applicable statute.

6.02 *Indemnity and Insurance.* Subject to the limitations contained in the Act but without limit to the right of the Corporation to indemnify any person under the Act or otherwise, the Corporation shall indemnify a director or officer, a former director or officer, and may indemnify an individual who acts or acted at the Corporation's request as a director or officer or in a similar capacity of another entity, against all costs, charges and expenses, including an amount paid to settle an action or satisfy a judgment, reasonably incurred by the individual in respect of any civil, criminal or administrative, investigative or other proceeding in which the individual is involved because of that association with the Corporation or other entity, if the individual:

- (a) acted honestly and in good faith with a view to the best interests of the Corporation, or as the case may be, to the best interests of the other entity for which the individual acted as director or officer or in a similar capacity at the Corporation's request; and
- (b) in the case of a criminal or administrative action or proceeding that is enforced by a monetary penalty, the individual had reasonable grounds for believing that the individual's conduct was lawful.

Subject to the limitations contained in the Act, the Corporation may purchase and maintain such insurance for the benefit of such persons referred to in this section as the board may from time to time determine.

SECTION SEVEN SHARES

7.01 Share Certificates. Share certificates shall be signed by the chair, the vice chair, the president or a vice president and by the corporate secretary or an assistant secretary and need not be under the corporate seal. Share certificates representing shares in respect of which a transfer agent has been appointed shall be countersigned manually by or on behalf of such transfer agent. The facsimile signature of such officers or, in the case of share certificates representing shares in respect of which a transfer agent has been appointed, of both of such officers, may be mechanically reproduced thereon. Share certificates so signed shall continue to be valid notwithstanding that one or both of the officers whose signature is mechanically reproduced thereon no longer holds office at the date of issue thereof.

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7.02 *Transfer Agent and Registrar.* The board may appoint or remove a transfer agent or a registrar and one or more branch transfer agents or registrars for the shares of the Corporation.

SECTION EIGHT MEETING OF SHAREHOLDERS

8.01 *Meetings*. Meetings of shareholders shall be held at such place within Canada or outside of Canada at any of the following places: Chicago, Illinois; Boston, Massachusetts; New York, New York; Washington, D.C.; Denver, Colorado; Houston, Texas; San Francisco, California; Los Angeles, California; Atlanta, Georgia; Tampa, Florida; Orlando, Florida; and Seattle, Washington as specified in the Corporation's articles at such time and on such day as the board may determine.

8.02 *Notice of Meetings and Documentation.* Notice of the time and place of a meeting of shareholders shall be sent not less than 21 days and not more than 60 days before the meeting to each shareholder entitled to vote at the meeting, to each director and to the auditor of the Corporation. Where there is more than one person registered as a shareholder in respect of any share or shares, such notice may be given to whichever of such persons is named first in the securities register of the Corporation and any notice so given shall be sufficient notice to all of them.

Notice of shareholder meetings or any notices or documents intended for shareholders may be given by prepaid mail, facsimile, or by any electronic or other communication facilities. The Board of Directors may establish, by resolution, procedures to give, deliver or send a notice or other document to the shareholders, directors and the auditor by any means permitted under the laws governing the Corporation pursuant to the articles or by-laws of the Corporation. In the event that it is impossible or impracticable for any reason whatsoever to give notice as otherwise permitted under the laws governing the Corporation, notice may be given by advertisement published once in a newspaper in such cities or places as the directors may from time to time determine.

Subject to applicable laws, a notice or other document shall be deemed to have been given, delivered or sent (i) when it is delivered personally or to the address recorded in the records or security register of the Corporation; (ii) when it has been deposited in a post office or post office letter box; or (iii) when it has been dispatched or delivered for dispatch by means of facsimile, electronic or other communication facilities.

8.03 Record Date of Notice. The board may fix in advance a record date preceding the date of any meeting of shareholders by not more than 60 days and not less than 21 days for the determination of the shareholders entitled to notice of the meeting, provided that notice of any such record date is given not less than 7 days before such record date in the manner provided in the Act. If no record date is so fixed, the record date for the determination of the shareholders entitled to notice of the meeting shall be the close of business on the day immediately preceding the day on which the notice is given.

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8.04 *Quorum.* Two persons present in person and each entitled to vote thereat and representing either in their own right or by proxy or as the duly authorized representative of a corporate shareholder 20% of the issued shares of the Corporation carrying voting rights at such time shall constitute a quorum at any meeting of shareholders.

8.05 *Proxies.* A shareholder entitled to vote at a meeting of shareholders may by means of a proxy appoint a proxyholder or one or more alternate proxyholders, who are not required to be shareholders, to attend and act at the meeting in the manner and to the extent authorized by the proxy and with the power conferred by the proxy.

- 8.06 *Persons Entitled to be Present.* The only persons entitled to attend a meeting of shareholders shall be those entitled to vote thereat and such others who, although not entitled to vote thereat, are entitled or required to attend under the articles or the Act. Any other person may be permitted to attend a meeting of shareholders by the chair of the meeting or with the consent of the meeting.
- 8.07 *Voting.* Subject to the Act, every matter at a meeting of shareholders shall be decided by a show of hands unless a ballot is required by the chair or demanded by any person entitled to vote. Upon a show of hands every person entitled to vote shall have one vote. After a vote by a show of hands has been taken the chair may still require or any person entitled to vote may still demand a ballot thereon. Whenever a vote by show of hands has been taken, unless a ballot is required or demanded, a declaration by the chair of the meeting that the vote upon the matter has been carried or carried by a particular majority or not carried and an entry to that effect in the minutes of the meeting shall be prima facie evidence of the result of the vote.
- 8.08 *Electronic Voting.* The board may determine, that in combination with other voting means, any vote of shareholders may also be held, in accordance with any regulations under the Act, by means of telephonic, electronic or other communication facility, if the Corporation makes available such a communication facility.
- 8.09 *Votes to Govern.* Unless otherwise required by the Act or the articles, every matter at a meeting of shareholders shall be decided by a majority of the votes cast on the matter. In the event of an equality of votes on any matter at a meeting of shareholders either upon a show of hands or upon a ballot, the chair of the meeting shall be entitled to a casting or second vote.
- 8.10 Ballots. If a ballot is required by the chair of the meeting or demanded by any person entitled to vote, a ballot upon the matter shall be taken in such manner as the chair of the meeting shall direct.
- 8.11 *Scrutineers*. At any meeting of the shareholders, one or more persons, who may be shareholders, may be appointed to serve as scrutineers at the meeting either by a resolution of the meeting or by the chair.

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SECTION NINE NOTICES

Giving of Notice. Any notice or other document to be given or sent by the Corporation to a shareholder, director or officer or to the auditor of the Corporation or any other person may be given or sent by prepaid mail, facsimile, or by any electronic or other communication facility, or may be delivered personally to, the person to whom it is to be given or sent at the person's latest address as shown in the records of the Corporation or its transfer agent or in any notice filed in accordance with the provisions of the Act. The board may establish, by resolution, procedures to give, deliver or send a notice or other document to the shareholders, directors, the auditor or other persons by any means permitted under the laws governing the Corporation or pursuant to the articles or by-laws of the Corporation. The accidental omission to give notice to any shareholder, director or officer or to the auditor or other persons or the non-receipt of any notice or any error in a notice not affecting the substance thereof shall not invalidate any action taken at any meeting called by such notice or otherwise founded thereon. Any notice with respect to any shares registered in more than one name may, if more than one address appears on the books of the Corporation in respect of such joint holding, be given the joint shareholders at any such address.

SECTION TEN DIVIDENDS AND OTHER RIGHTS

- 10.01 *Dividends*. Subject to the Act, the board may from time to time declare dividends payable to the shareholders according to their respective rights and interests in the Corporation.
- 10.02 *Record Date for Dividends and other Rights.* For the purpose of determining the person entitled to receive payment of any dividend or for any other purpose except the right to receive notice of or to vote at a meeting of shareholders, the board may fix in advance a date preceding the date for the particular action by not more than 60 days for the determination of such persons. Notice of such date shall be given not less than 7 days prior to such date:
 - (i) by advertisement in a newspaper distributed in the place where the Corporation has its registered office and in each place in Canada where it has a transfer agent or where a transfer of its shares may be recorded; and
 - (ii) by written notice to each stock exchange in Canada on which the shares of the Corporation are listed for trading.

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SECTION ELEVEN GENERAL

- 11.01 Financial Year. The financial year of the Corporation shall end on the 31st day of December unless and until changed by the board.
- 11.02 *Corporate Seal.* The corporate seal shall bear the name of the Corporation and may bear such insignia as may be approved from time to time by the board.
- 11.03 *Execution of Instruments*. Contracts, documents or other instruments requiring execution by the Corporation may be signed by one of the chair, vice chair, if any, the chief executive officer, the president or any vice president, together with any one of the foregoing or with the corporate secretary or an assistant corporate secretary, assistant controller or assistant treasurer. The board may appoint any other person or persons to sign instruments generally or specific instruments. In the absence of any specific board authority, the chief executive officer, as to any instruments pertaining solely to a division, business unit or sub-unit, may designate any two divisional or business unit officers or employees to execute instruments, either generally or specifically, on behalf of such division or business unit.
- 11.04 *Grant of Powers of Attorney.* The chief executive officer or the president together with an executive or senior vice-president may grant a power of attorney appointing one or more persons as attorneys for the Corporation with general, specific or continuing power to act on behalf of the Corporation outside of Canada.
- 11.05 *Banking.* The bank accounts of the Corporation shall be kept with such banks or trust companies as the board may from time to time determine. The board may appoint any person or persons as authorized signatories on any such bank accounts as it may from time to time determine.

SECTION TWELVE DIVISIONS AND BUSINESS UNITS

12.01 *Creation and Consolidation of Divisions and Business Units.* The board may cause the business and operations of the Corporation or any part thereof to be divided or to be segregated into one or more divisions or business units upon such basis, including without limitation, character or type of operation, geographical territory, product manufactured or service rendered, as the Board may consider appropriate in each case. The Board may also cause the business and operations of any such division or business unit to be further

divided into sub-units and the business and operations of any such divisions, business units or sub-units to be consolidated upon such basis as the Board may consider appropriate in each case.

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12.02 *Name of Division or Business Units.* Any division, business unit or their sub-units may be designated by such name as the Board may from time to time determine and may transact business, enter into contracts, sign cheques and other documents of any kind and do all acts and things under such name. Any such contract, cheque or document shall be binding upon the Corporation when signed in accordance with Section 11.03 as if it had been entered into or signed in the name of the Corporation.

SECTION THIRTEEN EFFECTIVE DATE AND REPEAL

13.01 Effective Date. This by-law shall come into force upon the date of the approval of the by-law by the board.

13.02 *Repeal.* The by-laws of the Corporation heretofore enacted are repealed. The repeal of such by-laws shall be without prejudice to any action taken or right acquired or obligation incurred thereunder. All directors, officers and other persons acting under any repealed by-law shall continue to act as if elected or appointed under the provisions of this by-law. All resolutions with continuing effect of the board, committees of the board and shareholders shall continue in effect except to the extent inconsistent with this by-law.

SHAREHOLDER RIGHTS PLAN AGREEMENT

DATED AS OF APRIL 24, 2003

BETWEEN

TRANSCANADA CORPORATION

AND

COMPUTERSHARE TRUST COMPANY OF CANADA

AS RIGHTS AGENT

SHAREHOLDER RIGHTS PLAN AGREEMENT

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SHAREHOLDER RIGHTS PLAN AGREEMENT

MEMORANDUM OF AGREEMENT dated as of April 24, 2003 between TransCanada Corporation (the "Corporation"), a corporation incorporated under the Canada Business Corporations Act and Computershare Trust Company of Canada, a trust company incorporated under the laws of Canada (the "Rights Agent");

WHEREAS in connection with the completion of the Plan of Arrangement pursuant to the Arrangement Agreement the board of directors of the Corporation has determined that it is in the best interests of the Corporation to adopt a shareholder rights plan to insure, to the extent possible, that all shareholders of the Corporation are treated fairly in connection with any take-over bid for the Corporation;

AND WHEREAS each Right entitles the holder thereof, after the Separation Time, to purchase securities of the Corporation pursuant to the terms and subject to the conditions set forth herein;

AND WHEREAS the Corporation desires to appoint the Rights Agent to act on behalf of the Corporation and the holders of Rights, and the Rights Agent is willing to so act, in connection with the issuance, transfer, exchange and replacement of Rights Certificates (as hereinafter defined), the exercise of Rights and other matters referred to herein:

AND WHEREAS the Board of Directors of the Corporation proposes that this Agreement be in place until the Expiration Time, subject to the Agreement being reconfirmed by shareholders of the Corporation at the 2004 annual meeting of the Corporation;

NOW THEREFORE, in consideration of the premises and the respective covenants and agreements set forth herein, and subject to such covenants and agreements, the parties hereby agree as follows:

ARTICLE 1 - INTERPRETATION

1.1 <u>Certain Definitions</u>

For purposes of this Agreement, the following terms have the meanings indicated:

- (a) "Acquiring Person" shall mean any Person who is the Beneficial Owner of 20% or more of the outstanding Voting Shares; provided, however, that the term "Acquiring Person" shall not include:
 - (i) the Corporation or any Subsidiary of the Corporation;
 - (ii) any Person who becomes the Beneficial Owner of 20% or more of the outstanding Voting Shares as a result of one or any combination of (A) a Voting Share Reduction, (B) Permitted Bid Acquisitions, (C) an Exempt Acquisition or (D) Pro Rata Acquisitions; provided, however, that if a Person becomes the Beneficial Owner of 20% or more of the outstanding Voting Shares by reason of one or any combination of the operation of Paragraphs (A), (B), (C) or (D) above and such Person's Beneficial Ownership of Voting Shares thereafter increases by more than 1.0% of the number of Voting Shares outstanding (other than pursuant

- to one or any combination of a Voting Share Reduction, a Permitted Bid Acquisition, an Exempt Acquisition or a Pro Rata Acquisition), then as of the date such Person becomes the Beneficial Owner of such additional Voting Shares, such Person shall become an "Acquiring Person";
- (iii) for a period of ten days after the Disqualification Date (as defined below), any Person who becomes the Beneficial Owner of 20% or more of the outstanding Voting Shares as a result of such Person becoming disqualified from relying on Clause 1.1(g)(v) solely because such Person or the Beneficial Owner of such Voting Shares is making or has announced an intention to make a Take-over Bid, either alone or by acting jointly or in concert with any other Person. For the purposes of this definition, "Disqualification Date" means the first date of public announcement that any Person is making or has announced an intention to make a Take-over Bid;
- (iv) an underwriter or member of a banking or selling group that becomes the Beneficial Owner of 20% or more of the Voting Shares in connection with a distribution of securities of the Corporation; or
- (v) a Person (a "Grandfathered Person") who is the Beneficial Owner of 20% or more of the outstanding Voting Shares of the Corporation determined as at the Record Time, provided, however, that this exception shall not be, and shall cease to be, applicable to a Grandfathered Person in the event that such Grandfathered Person shall, after the Record Time, become the Beneficial Owner of additional Voting Shares of the Corporation that increases its Beneficial Ownership of Voting Shares by more than 1% of the number of Voting Shares outstanding as at the Record Time (other than pursuant to one or any combination of a Voting Share Reduction, a Permitted Bid Acquisition, an Exempt Acquisition or a Pro Rata Acquisition);
- (b) "Affiliate" when used to indicate a relationship with a Person means a Person that directly, or indirectly through one or more intermediaries, controls, or is controlled by, or is under common control with, such specified Person;
- (c) "Agreement" shall mean this shareholder rights plan agreement dated as of April 24, 2003 between the Corporation and the Rights Agent, as the same may be further amended or supplemented from time to time; "hereof", "herein", "hereto" and similar expressions mean and refer to this Agreement as a whole and not to any particular part of this Agreement;
- (d) "annual cash dividend" shall mean cash dividends paid in any fiscal year of the Corporation to the extent that such cash dividends do not exceed, in the aggregate, the greatest of:
 - (i) 200 per cent of the aggregate amount of cash dividends declared payable by the Corporation on its Common Shares in its immediately preceding fiscal year;
 - (ii) 300 per cent of the arithmetic mean of the aggregate amounts of the annual cash dividends declared payable by the Corporation on its Common Shares in its three immediately preceding fiscal years; and

- (iii) 100 per cent of the aggregate consolidated net income of the Corporation, before extraordinary items, for its immediately preceding fiscal year;
- (e) "Arrangement Agreement" means the Arrangement Agreement made as of March 4, 2003 between TransCanada Pipelines Limited and TransCanada Corporation providing for the implementation of the Plan of Arrangement;
- (f) "Associate" means, when used to indicate a relationship with a specified Person, a spouse of that Person, any Person of the same or opposite sex with whom that Person is living in a conjugal relationship outside marriage, a child of that Person or a relative of that Person if that relative has the same residence as that Person;
- (g) A Person shall be deemed the "Beneficial Owner" of, and to have "Beneficial Ownership" of, and to "Beneficially Own",
 - (i) any securities as to which such Person or any of such Person's Affiliates or Associates is the owner at law or in equity;
 - (ii) any securities as to which such Person or any of such Person's Affiliates or Associates has the right to become the owner at law or in equity (whether such right is exercisable immediately or within a period of 60 days thereafter and whether or not on condition or the happening of any contingency or the making of any payment) pursuant to any agreement, arrangement, pledge or understanding, whether or not in writing (other than (x) customary agreements with and between underwriters and/or banking group members and/or selling group members with respect to a public offering or private placement of securities and (y) pledges of securities in the ordinary course of business), or upon the exercise of any conversion right, exchange right, share purchase right (other than the Rights), warrant or option; or
 - (iii) any securities which are Beneficially Owned within the meaning of Clauses 1.1(g)(i) and (ii) by any other Person with whom such Person is acting jointly or in concert;

provided, however, that a Person shall not be deemed the "Beneficial Owner" of, or to have "Beneficial Ownership" of, or to "Beneficially Own", any security:

- (iv) where such security has been agreed to be deposited or tendered pursuant to a Lock-up Agreement, or is otherwise deposited or tendered, to any Take-Over Bid made by such Person, made by any of such Person's Affiliates or Associates or made by any other Person acting jointly or in concert with such Person until such deposited or tendered security has been taken up or paid for, whichever shall first occur;
- (v) where such Person, any of such Person's Affiliates or Associates or any other Person acting jointly or in concert with such Person holds such security provided that:
 - (A) the ordinary business of any such Person (the "Investment Manager") includes the management of investment funds for others (which others, for greater certainty, may include or be limited to one or more employee

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- benefit plans or pension plans) and such security is held by the Investment Manager in the ordinary course of such business in the performance of such Investment Manager's duties for the account of any other Person (a "Client");
- (B) such Person (the "Trust Company") is licensed to carry on the business of a trust company under applicable laws and, as such, acts as trustee or administrator or in a similar capacity in relation to the estates of deceased or incompetent Persons (each an "Estate Account") or in relation to other accounts (each an "Other Account") and holds such security in the ordinary course of such duties for the estate of any such deceased or incompetent Person or for such other accounts;
- (C) such Person is established by statute for purposes that include, and the ordinary business or activity of such Person (the "Statutory Body") includes, the management of investment funds for employee benefit plans, pension plans, insurance plans or various public bodies;
- (D) such Person (the "Administrator") is the administrator or trustee of one or more pension funds or plans (a "Plan"), or is a Plan, registered under the laws of Canada or any Province thereof or the laws of the United States of America or any State thereof;

provided, in any of the above cases, that the Investment Manager, the Trust Company, the Statutory Body, the Administrator or the Plan, as the case may be, is not then making a Take-over Bid or has not then announced an intention to make a Take-over Bid alone or acting jointly or in concert with any other Person, other than an Offer to Acquire Voting Shares or other securities (x) pursuant to a distribution by the Corporation (y) by means of a Permitted Bid or (z) by means of ordinary market transactions (including prearranged trades entered into in the ordinary course of business of such Person) executed through the facilities of a stock exchange or organized over-the-counter market;

- (vi) where such Person is (A) a Client of the same Investment Manager as another Person on whose account the Investment Manager holds such security, (B) an Estate Account or an Other Account of the same Trust Company as another Person on whose account the Trust Company holds such security or (C) a Plan with the same Administrator as another Plan on whose account the Administrator holds such security;
- (vii) where such Person is (A) a Client of an Investment Manager and such security is owned at law or in equity by the Investment Manager, (B) an Estate Account or an Other Account of a Trust Company and such security is owned at law or in equity by the Trust Company or (C) a Plan and such security is owned at law or in equity by the Administrator of the Plan; or
- (viii) where such Person is a registered holder of such security as a result of carrying on the business of, or acting as a nominee of, a securities depositary;
- (h) "Board of Directors" shall mean the board of directors of the Corporation or any duly constituted and empowered committee thereof;

- (j) "Canada Business Corporations Act" means the Canada Business Corporations Act, R.S.C. 1985, c. C-44, as amended, and the regulations made thereunder, and any comparable or successor laws or regulations thereto or, if applicable, the comparable legislation of any other jurisdiction pursuant to which the Corporation may be continued;
- (k) "Canadian Dollar Equivalent" of any amount which is expressed in United States Dollars means, on any date, the Canadian dollar equivalent of such amount determined by multiplying such amount by the U.S. Canadian Exchange Rate in effect on such date;
- (l) "Canadian U.S. Exchange Rate" means, on any date, the inverse of the U.S. Canadian Exchange Rate in effect on such date;
- (m) "close of business" on any given date shall mean the time on such date (or, if such date is not a Business Day, the time on the next succeeding Business Day) at which the principal transfer office in Calgary of the transfer agent for the Common Shares of the Corporation (or, after the Separation Time, the principal transfer office in Calgary of the Rights Agent) is closed to the public;
- (n) "Common Shares" shall mean the Common Shares in the capital of the Corporation;
- (o) "Competing Permitted Bid" means a Take-over Bid that:
 - (i) is made after a Permitted Bid has been made and prior to the expiry of the Permitted Bid;
 - (ii) satisfies all components of the definition of a Permitted Bid other than the requirements set out in Clause 1.1(kk)(ii)(A) of the definition of a Permitted Bid: and
 - (iii) contains, and the take-up and payment for securities tendered or deposited is subject to, an irrevocable and unqualified condition that no Voting Shares will be taken up or paid for pursuant to the Take-over Bid prior to the close of business on a date that is no earlier than the later of: (A) the 60th day after the date on which the earliest Permitted Bid which preceded the Competing Permitted Bid was made; and (B) 21 days after the date of the Take-over Bid constituting the Competing Permitted Bid;
- (p) "controlled": a corporation is "controlled" by another Person if:
 - (i) securities entitled to vote in the election of directors carrying more than 50 per cent of the votes for the election of directors are held, directly or indirectly, by or for the benefit of the other Person; and
 - (ii) the votes carried by such securities are entitled, if exercised, to elect a majority of the board of directors of such corporation;

and "controls", "controlling" and "under common control with" shall be interpreted accordingly;

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- (q) "Co-Rights Agents" shall have the meaning ascribed thereto in Subsection 4.1(a);
- (r) "Disposition Date" shall have the meaning ascribed thereto in Subsection 5.1(h);
- (s) "Dividend Reinvestment Acquisition" shall mean an acquisition of Voting Shares pursuant to a Dividend Reinvestment Plan;
- (t) "Dividend Reinvestment Plan" means a regular dividend reinvestment or other plan of the Corporation made available by the Corporation to holders of its securities where such plan permits the holder to direct that some or all of:
 - (i) dividends paid in respect of shares of any class of the Corporation;
 - (ii) proceeds of redemption of shares of the Corporation;
 - (iii) interest paid on evidences of indebtedness of the Corporation; or
 - (iv) optional cash payments;

be applied to the purchase from the Corporation of Voting Shares;

- (u) "Election to Exercise" shall have the meaning ascribed thereto in Clause 2.2(d)(ii);
- (v) "Effective Date" means the date the Plan of Arrangement takes effect;
- (w) **"Exempt Acquisition"** means a share acquisition in respect of which the Board of Directors has waived the application of Section 3.1 pursuant to the provisions of Subsection 5.1(a) or (h);
- (x) "Exercise Price" shall mean, as of any date, the price at which a holder may purchase the securities issuable upon exercise of one whole Right which, until adjustment thereof in accordance with the terms hereof, shall be \$100;
- (y) **"Expansion Factor"** shall have the meaning ascribed thereto in Clause 2.3(a)(x);
- (z) "Expiration Time" shall mean the close of business on that date which is the earliest of the date of termination of this Agreement pursuant to Section 5.16 or, if this Agreement is confirmed pursuant to Section 5.16, December 2, 2004;
- (aa) "Flip-in Event" shall mean a transaction in or pursuant to which any Person becomes an Acquiring Person;
- (bb) "holder" shall have the meaning ascribed thereto in Section 2.8;
- (cc) "Independent Shareholders" shall mean holders of Voting Shares, other than:
 - (i) any Acquiring Person;
 - (ii) any Offeror (other than any Person who by virtue of Clause 1.1(g)(v) is not deemed to Beneficially Own the Voting Shares held by such Person);

- (iv) any Person acting jointly or in concert with any Acquiring Person or Offeror; and
- (v) any employee benefit plan, deferred profit sharing plan, stock participation plan and any other similar plan or trust for the benefit of employees of the Corporation unless the beneficiaries of the plan or trust direct the manner in which the Voting Shares are to be voted or withheld from voting or direct whether the Voting Shares are to be tendered to a Take-over Bid;
- (dd) "Lock-Up Agreement" means an agreement between an Offeror, any of its Affiliates or Associates or any other Person acting jointly or in concert with the Offeror and a Person (the "Locked-up Person") who is not an Affiliate or Associate of the Offeror or a Person acting jointly or in concert with the Offeror whereby the Locked-up Person agrees to deposit or tender the Voting Shares held by the Locked-up Person to the Offeror's Take-over Bid or to any Take-over Bid made by any of the Offeror's Affiliates or Associates or made by any other Person acting jointly or in concert with the Offeror (the "Subject Bid") where
 - (i) the agreement permits the Locked-up Person to withdraw the Voting Shares from the agreement in order to tender or deposit the Voting Shares to another Take-over bid or to support another transaction that in either case will provide greater value to the Locked-up Person than the Subject Bid; or
 - (ii) the agreement (A) permits the Locked-up Person to withdraw the Voting Shares from the agreement in order to tender or deposit the Voting Shares to another Take-over Bid or to support another transaction that contains an offering price for each Voting Share that exceeds by as much as or more than a specified amount (the "Specified Amount") the offering price for each Voting Share contained in or proposed to be contained in the Subject Bid; and (B) does not by its terms provide for a specified Amount that is greater than 7% of the offering price contained in or proposed to be contained in the Subject Bid;

and, for greater clarity, an agreement may contain a right of first refusal or require a period of delay to give an Offeror an opportunity to match a higher price in another take-over bid or other similar limitation on a Locked-up Person as long as the Locked-up Person can accept another bid or tender to another transaction.

(ee) "Market Price" per share of any securities on any date of determination shall mean the average of the daily closing prices per share of such securities (determined as described below) on each of the 20 consecutive Trading Days through and including the Trading Day immediately preceding such date; provided, however, that if an event of a type analogous to any of the events described in Section 2.3 hereof shall have caused the closing prices used to determine the Market Price on any Trading Days not to be fully comparable with the closing price on such date of determination or, if the date of determination is not a Trading Day, on the immediately preceding Trading Day, each such closing price so used shall be appropriately adjusted in a manner analogous to the applicable adjustment provided for in Section 2.3 hereof in order to make it fully comparable with the closing price on such date of determination or, if the date of determination is not a Trading Day, on the immediately preceding Trading Day. The closing price per share of any securities on any date shall be:

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- (i) the closing board lot sale price or, in case no such sale takes place on such date, the average of the closing bid and asked prices for each of such securities as reported by the principal Canadian stock exchange (as determined by volume of trading) on which such securities are listed or admitted to trading;
- (ii) if for any reason none of such prices is available on such day or the securities are not listed or posted for trading on a Canadian stock exchange, the last sale price or, in case no such sale takes place on such date, the average of the closing bid and asked prices for each of such securities as reported by the principal national United States securities exchange (as determined by volume of trading) on which such securities are listed or admitted to trading;
- (iii) if for any reason none of such prices is available on such day or the securities are not listed or admitted to trading on a Canadian stock exchange or a national United States securities exchange, the last sale price or, in case no sale takes place on such date, the average of the high bid and low asked prices for each of such securities in the over-the-counter market, as quoted by any recognized reporting system then in use; or
- (iv) if for any reason none of such prices is available on such day or the securities are not listed or admitted to trading on a Canadian stock exchange or a national United States securities exchange or quoted by any such reporting system, the average of the closing bid and asked prices as furnished by a recognized professional market maker making a market in the securities;

provided, however, that if for any reason none of such prices is available on such day, the closing price per share of such securities on such date means the fair value per share of such securities on such date as determined by a nationally recognized investment dealer or investment banker; and provided further that if an event of a type analogous to any of the events described in Section 2.3 hereof shall have caused any price used to determine the Market Price on any Trading Day not to be fully comparable with the price as so determined on the Trading Day immediately preceding such date of determination, each such price so used shall be appropriately adjusted in a manner analogous to the applicable adjustment provided for in Section 2.3 hereof in order to make it fully comparable with the price on the Trading Day immediately preceding such date of determination. The Market Price shall be expressed in Canadian dollars and, if initially determined in respect of any day forming part of the 20 consecutive Trading Day period in question in United States dollars, such amount shall be translated into Canadian dollars on such date at the Canadian Dollar Equivalent thereof;

- (ff) "1934 Exchange Act" means the Securities Exchange Act of 1934 of the United States, as amended, and the rules and regulations thereunder as now in effect or as the same may from time to time be amended, re-enacted or replaced;
- (gg) "Nominee" shall have the meaning ascribed thereto in Subsection 2.2(c);
- (hh) "Offer to Acquire" shall include:
 - (i) an offer to purchase or a solicitation of an offer to sell Voting Shares; and

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(ii) an acceptance of an offer to sell Voting Shares, whether or not such offer to sell has been solicited;

or any combination thereof, and the Person accepting an offer to sell shall be deemed to be making an Offer to Acquire to the Person that made the offer to sell;

- (ii) "Offeror" shall mean a Person who has announced, and has not withdrawn, an intention to make or who has made, and has not withdrawn, a Take-over Bid, other than a Person who has completed a Permitted Bid, a Competing Permitted Bid or an Exempt Acquisition;
- (jj) "Offeror's Securities" means Voting Shares Beneficially Owned by an Offeror on the date of the Offer to Acquire;
- (kk) "Permitted Bid" means a Take-over Bid made by an Offeror by way of take-over bid circular which also complies with the following additional provisions:
 - (i) the Take-over Bid is made to all holders of Voting Shares as registered on the books of the Corporation, other than the Offeror;
 - (ii) the Take-over Bid contains, and the take-up and payment for securities tendered or deposited is subject to, an irrevocable and unqualified provision that no Voting Shares will be taken up or paid for pursuant to the Take-over Bid (A) prior to the close of business on the date which is not less than 60 days following the date of the Take-over Bid and (B) only if at such date more than 50% of the Voting Shares held by Independent Shareholders shall have been deposited or tendered pursuant to the Take-over Bid and not withdrawn;
 - (iii) unless the Take-over Bid is withdrawn, the Take-over Bid contains an irrevocable and unqualified provision that Voting Shares may be deposited pursuant to such Take-over Bid at any time during the period of time described in Clause 1.1(kk)(ii) and that any Voting Shares deposited pursuant to the Take-over Bid may be withdrawn until taken up and paid for; and
 - (iv) the Take-over Bid contains an irrevocable and unqualified provision that in the event that the deposit condition set forth in Clause 1.1(kk)(ii) is satisfied the Offeror will make a public announcement of that fact and the Take-over Bid will remain open for deposits and tenders of Voting Shares for not less than ten Business Days from the date of such public announcement;
- (ll) "Permitted Bid Acquisition" shall mean an acquisition of Voting Shares made pursuant to a Permitted Bid or a Competing Permitted Bid;
- (mm) "Person" shall include any individual, firm, partnership, association, trust, trustee, executor, administrator, legal personal representative, body corporate, corporation, unincorporated organization, syndicate, governmental entity or other entity;
- (nn) "Plan of Arrangement" means the Plan of Arrangement set forth as Appendix 1 to the Arrangement Agreement;
- (00) "Pro Rata Acquisition" means an acquisition by a Person of Voting Shares pursuant to:

- (i) a Dividend Reinvestment Acquisition;
- (ii) a stock dividend, stock split or other event in respect of securities of the Corporation of one or more particular classes or series pursuant to which such Person becomes the Beneficial Owner of Voting Shares on the same pro rata basis as all other holders of securities of the particular class, classes or series;
- (iii) the acquisition or the exercise by the Person of only those rights to purchase Voting Shares distributed to that Person in the course of a distribution to all holders of securities of the Corporation of one or more particular classes or series pursuant to a rights offering or pursuant to a prospectus; or
- (iv) a distribution of Voting Shares, or securities convertible into or exchangeable for Voting Shares (and the conversion or exchange of such convertible or exchangeable securities), made pursuant to a prospectus or by way of a private placement, provided that the Person does not thereby acquire a greater percentage of such Voting Shares, or securities convertible into or exchangeable for Voting Shares, so offered than the Person's percentage of Voting Shares Beneficially Owned immediately prior to such acquisition;
- (pp) "Record Time" has the meaning set forth in Section 2.1(a);
- (qq) "Right" means a right to purchase a Common Share of the Corporation upon the terms and subject to the conditions set forth in this Agreement;
- (rr) "Rights Certificate" means the certificates representing the Rights after the Separation Time, which shall be substantially in the form attached hereto as Attachment 1:
- $\begin{tabular}{ll} \begin{tabular}{ll} \textbf{(ss)} & \textbf{``Rights Register''} & \textbf{shall have the meaning ascribed thereto in Subsection 2.6(a);} \end{tabular}$
- (tt) "Securities Act (Alberta)" shall mean the Securities Act, S.A. 1991, c.S-6.1, as amended, and the regulations thereunder, and any comparable or successor laws or regulations thereto;
- (uu) "Separation Time" shall mean the close of business on the eighth Trading Day after the earlier of:
 - (i) the Stock Acquisition Date; and
 - (ii) the date of the commencement of or first public announcement of the intent of any Person (other than the Corporation or any Subsidiary of the Corporation) to commence a Take-over Bid (other than a Permitted Bid or a Competing Permitted Bid), or such later time as may be determined by the Board of Directors, provided that, if any Take-over Bid referred to in this Clause (ii) expires, is cancelled, terminated or otherwise withdrawn prior to the Separation Time, such Take-over Bid shall be deemed, for the purposes of this definition, never to have been made;
- (vv) "Stock Acquisition Date" shall mean the first date of public announcement (which, for purposes of this definition, shall include, without limitation, a report filed pursuant to

- (ww) "Subsidiary": a corporation is a Subsidiary of another corporation if:
 - i) it is controlled by:
 - (A) that other; or
 - (B) that other and one or more corporations each of which is controlled by that other; or
 - (C) two or more corporations each of which is controlled by that other; or
 - (ii) it is a Subsidiary of a corporation that is that other's Subsidiary;
- (xx) "Take-over Bid" shall mean an Offer to Acquire Voting Shares, or securities convertible into Voting Shares if, assuming that the Voting Shares or convertible securities subject to the Offer to Acquire are acquired and are Beneficially Owned at the date of such Offer to Acquire by the Person making such Offer to Acquire, such Voting Shares (including Voting Shares that may be acquired upon conversion of securities convertible into Voting Shares) together with the Offeror's Securities, constitute in the aggregate 20% or more of the outstanding Voting Shares at the date of the Offer to Acquire;
- (yy) "Trading Day", when used with respect to any securities, shall mean a day on which the principal Canadian stock exchange on which such securities are listed or admitted to trading is open for the transaction of business or, if the securities are not listed or admitted to trading on any Canadian stock exchange, a Business Day;
- (zz) "U.S.-Canadian Exchange Rate" means, on any date:
 - (i) if on such date the Bank of Canada sets an average noon spot rate of exchange for the conversion of one United States dollar into Canadian dollars, such
 - (ii) in any other case, the rate for such date for the conversion of one United States dollar into Canadian dollars calculated in such manner as may be determined by the Board of Directors from time to time acting in good faith;
- (aaa) "U.S. Dollar Equivalent" of any amount which is expressed in Canadian dollars means, on any date, the United States dollar equivalent of such amount determined by multiplying such amount by the Canadian-U.S. Exchange Rate in effect on such date; and
- (bbb) "Voting Share Reduction" means an acquisition or redemption by the Corporation of Voting Shares which, by reducing the number of Voting Shares outstanding, increases the proportionate number of Voting Shares Beneficially Owned by any person to 20% or more of the Voting Shares then outstanding; and
- (ccc) "Voting Shares" shall mean the Common Shares of the Corporation and any other shares in the capital of the Corporation entitled to vote generally in the election of all directors.

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1.2 Currency

All sums of money which are referred to in this Agreement are expressed in lawful money of Canada, unless otherwise specified.

1.3 Headings

The division of this Agreement into Articles, Sections, Subsections, Clauses, Paragraphs, Subparagraphs or other portions hereof and the insertion of headings, subheadings and a table of contents are for convenience of reference only and shall not affect the construction or interpretation of this Agreement.

1.4 <u>Calculation of Number and Percentage of Beneficial Ownership of Outstanding Voting Shares</u>

For purposes of this Agreement, the percentage of Voting Shares Beneficially Owned by any Person, shall be and be deemed to be the product (expressed as a percentage) determined by the formula:

100 x A/B

where:

A = the number of votes for the election of all directors generally attaching to the Voting Shares Beneficially Owned by such Person; and

B = the number of votes for the election of all directors generally attaching to all outstanding Voting Shares.

Where any Person is deemed to Beneficially Own unissued Voting Shares, such Voting Shares shall be deemed to be outstanding for the purpose of calculating the percentage of Voting Shares Beneficially Owned by such Person.

1.5 <u>Acting Jointly or in Concert</u>

For the purposes hereof, a Person is acting jointly or in concert with every Person who, as a result of any agreement, commitment or understanding, whether formal or informal, with the first Person or any Affiliate thereof, acquires or offers to acquire Voting Shares (other than customary agreements with and between underwriters and/or banking group members and/or selling group members with respect to a public offering or private placement of securities or pledges of securities in the ordinary course of business).

1.6 Generally Accepted Accounting Principles

Wherever in this Agreement reference is made to generally accepted accounting principles, such reference shall be deemed to be the recommendations at the relevant time of the Canadian Institute of Chartered Accountants, or any successor institute, applicable on a consolidated basis (unless otherwise specifically provided herein to be applicable on an unconsolidated basis) as at the date on which a calculation is made or required to be made in accordance with generally accepted accounting principles. Where the character or amount of any asset or liability or item of revenue or expense is

required to be determined, or any consolidation or other accounting computation is required to be made for the purpose of this Agreement or any document, such determination or calculation shall, to the extent applicable and except as otherwise specified herein or as otherwise agreed in writing by the parties, be made in accordance with generally accepted accounting principles applied on a consistent basis.

ARTICLE 2 – THE RIGHTS

2.1 <u>Issue of Rights: Legend on Common Share Certificates</u>

- (a) One Right shall be issued on the Effective Date in respect of each Common Share of the Corporation issued under the Plan of Arrangement (the time of issue of such Rights being herein called the "Record Time") and one Right shall be issued in respect of each Common Share of the Corporation issued after the Record Time and prior to the earlier of the Separation Time and the Expiration Time.
- (b) Certificates representing Common Shares which are issued at and after the Record Time but prior to the earlier of the Separation Time and the Expiration Time, shall also evidence one Right for each Common Share represented thereby and shall have impressed on, printed on, written on or otherwise affixed to them the following legend:

Until the Separation Time (defined in the Agreement below), this certificate also evidences the holder's rights described in a Shareholder Rights Plan Agreement dated as of April 24, 2003 (the 'Agreement') between TransCanada Corporation and Computershare Trust Company of Canada, as amended from time to time, the terms of which are incorporated herein and a copy of which is available on demand without charge. Under certain circumstances set out in the Agreement, the rights may expire, may become null and void or may be evidenced by separate certificates and no longer evidenced by this certificate.

Certificates for Common Shares of the Corporation which by the terms of the Plan of Arrangement will represent, on the Effective Date, Common Shares of the Corporation that are issued and outstanding shall also evidence one Right for each Common Share represented thereby, notwithstanding the absence of the foregoing legend, until the close of business on the earlier of the Separation Time and the Expiration Time.

2.2 <u>Initial Exercise Price; Exercise of Rights; Detachment of Rights</u>

- (a) Subject to adjustment as herein set forth, each Right will entitle the holder thereof, from and after the Separation Time and prior to the Expiration Time, to purchase one Common Share for the Exercise Price (and the Exercise Price and number of Common Shares are subject to adjustment as set forth below). Notwithstanding any other provision of this Agreement, any Rights held by the Corporation or any of its Subsidiaries shall be void.
- (b) Until the Separation Time,
 - (i) the Rights shall not be exercisable and no Right may be exercised; and
 - (ii) each Right will be evidenced by the certificate for the associated Common Share of the Corporation registered in the name of the holder thereof (which certificate shall also be deemed to represent a Rights Certificate) and will be transferable

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only together with, and will be transferred by a transfer of, such associated Common Share of the Corporation.

- (c) From and after the Separation Time and prior to the Expiration Time:
 - (i) the Rights shall be exercisable; and
 - (ii) the registration and transfer of Rights shall be separate from and independent of Common Shares of the Corporation.

Promptly following the Separation Time, the Corporation will prepare and the Rights Agent will mail to each holder of record of Common Shares as of the Separation Time (other than an Acquiring Person and, in respect of any Rights Beneficially Owned by such Acquiring Person which are not held of record by such Acquiring Person, the holder of record of such Rights (a "Nominee")), at such holder's address as shown by the records of the Corporation (the Corporation hereby agreeing to furnish copies of such records to the Rights Agent for this purpose):

- (x) a Rights Certificate appropriately completed, representing the number of Rights held by such holder at the Separation Time and having such marks of identification or designation and such legends, summaries or endorsements printed thereon as the Corporation may deem appropriate and as are not inconsistent with the provisions of this Agreement, or as may be required to comply with any law, rule or regulation or with any rule or regulation of any self-regulatory organization, stock exchange or quotation system on which the Rights may from time to time be listed or traded, or to conform to usage; and
- (y) a disclosure statement describing the Rights,

provided that a Nominee shall be sent the materials provided for in (x) and (y) in respect of all Common Shares of the Corporation held of record by it which are not Beneficially Owned by an Acquiring Person.

- (d) Rights may be exercised, in whole or in part, on any Business Day after the Separation Time and prior to the Expiration Time by submitting to the Rights Agent:
 - (i) the Rights Certificate evidencing such Rights;
 - (ii) an election to exercise such Rights (an "Election to Exercise") substantially in the form attached to the Rights Certificate appropriately completed and executed by the holder or his executors or administrators or other personal representatives or his or their legal attorney duly appointed by an instrument in writing in form and executed in a manner satisfactory to the Rights Agent; and
 - (iii) payment by certified cheque, banker's draft or money order payable to the order of the Corporation, of a sum equal to the Exercise Price multiplied by the number of Rights being exercised and a sum sufficient to cover any transfer tax or charge which may be payable in respect of any transfer involved in the transfer or delivery of Rights Certificates or the issuance or delivery of certificates for Common Shares in a name other than that of the holder of the Rights being exercised.

- (e) Upon receipt of a Rights Certificate, together with a completed Election to Exercise executed in accordance with Clause 2.2(d)(ii), which does not indicate that such Right is null and void as provided by Subsection 3.1(b), and payment as set forth in Clause 2.2(d)(iii), the Rights Agent (unless otherwise instructed by the Corporation in the event that the Corporation is of the opinion that the Rights cannot be exercised in accordance with this Agreement) will thereupon promptly:
 - (i) requisition from the transfer agent certificates representing the number of such Common Shares to be purchased (the Corporation hereby irrevocably authorizing its transfer agent to comply with all such requisitions);
 - (ii) when appropriate, requisition from the Corporation the amount of cash to be paid in lieu of issuing fractional Common Shares;
 - (iii) after receipt of the certificates referred to in Clause 2.2(e)(i), deliver the same to or upon the order of the registered holder of such Rights Certificates, registered in such name or names as may be designated by such holder; and
 - (iv) when appropriate, after receipt, deliver the cash referred to in Clause 2.2(e)(ii) to or to the order of the registered holder of such Rights Certificate; and
- (f) In case the holder of any Rights shall exercise less than all the Rights evidenced by such holder's Rights Certificate, a new Rights Certificate evidencing the Rights remaining unexercised (subject to the provisions of Subsection 5.5(a)) will be issued by the Rights Agent to such holder or to such holder's duly authorized assigns.
- (g) The Corporation covenants and agrees that it will:
 - (i) take all such action as may be necessary and within its power to ensure that all Common Shares delivered upon exercise of Rights shall, at the time of delivery of the certificates for such Common Shares (subject to payment of the Exercise Price), be duly and validly authorized, executed, issued and delivered as fully paid and non-assessable;
 - (ii) take all such action as may be necessary and within its power to comply with the requirements of the *Canada Business Corporations Act*, the *Securities Act* (Alberta) and the securities laws or comparable legislation of each of the provinces of Canada and any other applicable law, rule or regulation, in connection with the issuance and delivery of the Rights Certificates and the issuance of any Common Shares upon exercise of Rights;
 - (iii) use reasonable efforts to cause all Common Shares issued upon exercise of Rights to be listed on the stock exchanges on which such Common Shares were traded immediately prior to the Stock Acquisition Date;
 - (iv) cause to be reserved and kept available out of the authorized and unissued Common Shares, the number of Common Shares that, as provided in this Agreement, will from time to time be sufficient to permit the exercise in full of all outstanding Rights;

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- (v) pay when due and payable, if applicable, any and all federal, provincial and municipal transfer taxes and charges (not including any income or capital taxes of the holder or exercising holder or any liability of the Corporation to withhold tax) which may be payable in respect of the original issuance or delivery of the Rights Certificates, or certificates for Common Shares to be issued upon exercise of any Rights, provided that the Corporation shall not be required to pay any transfer tax or charge which may be payable in respect of any transfer involved in the transfer or delivery of Rights Certificates or the issuance or delivery of certificates for Common Shares in a name other than that of the holder of the Rights being transferred or exercised; and
- (vi) after the Separation Time, except as permitted by Section 5.1, not take (or permit any Subsidiary to take) any action if at the time such action is taken it is reasonably foreseeable that such action will diminish substantially or otherwise eliminate the benefits intended to be afforded by the Rights.

2.3 Adjustments to Exercise Price; Number of Rights

The Exercise Price, the number and kind of securities subject to purchase upon exercise of each Right and the number of Rights outstanding are subject to adjustment from time to time as provided in this Section 2.3.

- (a) In the event the Corporation shall at any time after the date of this Agreement:
 - (i) declare or pay a dividend on Common Shares payable in Common Shares (or other securities exchangeable for or convertible into or giving a right to acquire Common Shares or other securities of the Corporation) other than pursuant to any optional stock dividend program;
 - (ii) subdivide or change the then outstanding Common Shares into a greater number of Common Shares;
 - (iii) consolidate or change the then outstanding Common Shares into a smaller number of Common Shares; or
 - (iv) issue any Common Shares (or other securities exchangeable for or convertible into or giving a right to acquire Common Shares or other securities of the Corporation) in respect of, in lieu of or in exchange for existing Common Shares except as otherwise provided in this Section 2.3,

the Exercise Price and the number of Rights outstanding, or, if the payment or effective date therefore shall occur after the Separation Time, the securities purchasable upon exercise of Rights shall be adjusted as of the payment or effective date in the manner set forth below.

If the Exercise Price and number of Rights outstanding are to be adjusted:

(x) the Exercise Price in effect after such adjustment will be equal to the Exercise Price in effect immediately prior to such adjustment divided by the number of Common Shares (or other capital stock) (the "Expansion Factor") that a holder of

- one Common Share immediately prior to such dividend, subdivision, change, consolidation or issuance would hold thereafter as a result thereof; and
- (y) each Right held prior to such adjustment will become that number of Rights equal to the Expansion Factor,

and the adjusted number of Rights will be deemed to be distributed among the Common Shares with respect to which the original Rights were associated (if they remain outstanding) and the shares issued in respect of such dividend, subdivision, change, consolidation or issuance, so that each such Common Share (or other capital stock) will have exactly one Right associated with it following the payment or effective date of the event referred to in Clause 2.3(a)(i), (ii), (iii) or (iv), as the case may be.

For greater certainty, if the securities purchasable upon exercise of Rights are to be adjusted, the securities purchasable upon exercise of each Right after such adjustment will be the securities that a holder of the securities purchasable upon exercise of one Right immediately prior to such dividend, subdivision, change, consolidation or issuance would hold thereafter as a result of such dividend, subdivision, change, consolidation or issuance.

If, after the Record Time and prior to the Expiration Time, the Corporation shall issue any shares of capital stock other than Common Shares in a transaction of a type described in Clause 2.3(a)(i) or (iv), shares of such capital stock shall be treated herein as nearly equivalent to Common Shares as may be practicable and appropriate under the circumstances and the Corporation and the Rights Agent agree to amend this Agreement in order to effect such treatment.

In the event the Corporation shall at any time after the Record Time and prior to the Separation Time issue any Common Shares otherwise than in a transaction referred to in this Subsection 2.3(a), each such Common Share so issued shall automatically have one new Right associated with it, which Right shall be evidenced by the certificate representing such associated Common Share.

- (b) In the event the Corporation shall at any time after the Record Time and prior to the Separation Time fix a record date for the issuance of rights, options or warrants to all holders of Common Shares entitling them (for a period expiring within 45 calendar days after such record date) to subscribe for or purchase Common Shares (or securities convertible into or exchangeable for or carrying a right to purchase Common Shares) at a price per Common Share (or, if a security convertible into or exchangeable for or carrying a right to purchase or subscribe for Common Shares, having a conversion, exchange or exercise price, including the price required to be paid to purchase such convertible or exchangeable security or right per share) less than the Market Price per Common Share on such record date, the Exercise Price to be in effect after such record date shall be determined by multiplying the Exercise Price in effect immediately prior to such record date by a fraction:
 - (i) the numerator of which shall be the number of Common Shares outstanding on such record date, plus the number of Common Shares that the aggregate offering price of the total number of Common Shares so to be offered (and/or the aggregate initial conversion, exchange or exercise price of the convertible or exchangeable securities or rights so to be offered, including the price required to

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be paid to purchase such convertible or exchangeable securities or rights) would purchase at such Market Price per Common Share; and

(ii) the denominator of which shall be the number of Common Shares outstanding on such record date, plus the number of additional Common Shares to be offered for subscription or purchase (or into which the convertible or exchangeable securities or rights so to be offered are initially convertible, exchangeable or exercisable).

In case such subscription price may be paid by delivery of consideration, part or all of which may be in a form other than cash, the value of such consideration shall be as determined in good faith by the Board of Directors, whose determination shall be described in a statement filed with the Rights Agent and shall be binding on the Rights Agent and the holders of Rights. Such adjustment shall be made successively whenever such a record date is fixed, and in the event that such rights, options or warrants are not so issued, or if issued, are not exercised prior to the expiration thereof, the Exercise Price shall be readjusted to the Exercise Price which would then be in effect if such record date had not been fixed, or to the Exercise Price which would be in effect based upon the number of Common Shares (or securities convertible into, or exchangeable or exercisable for Common Shares) actually issued upon the exercise of such rights, options or warrants, as the case may be.

For purposes of this Agreement, the granting of the right to purchase Common Shares (whether from treasury or otherwise) pursuant to the Dividend Reinvestment Plan or any employee benefit, stock option or similar plans shall be deemed not to constitute an issue of rights, options or warrants by the Corporation; provided, however, that, in all such cases, the right to purchase Common Shares is at a price per share of not less than 95 per cent of the current market price per share (determined as provided in such plans) of the Common Shares.

- (c) In the event the Corporation shall at any time after the Record Time and prior to the Separation Time fix a record date for the making of a distribution to all holders of Common Shares (including any such distribution made in connection with a merger or amalgamation) of evidences of indebtedness, cash (other than an annual cash dividend or a dividend paid in Common Shares, but including any dividend payable in securities other than Common Shares), assets or rights, options or warrants (excluding those referred to in Subsection 2.3(b)), the Exercise Price to be in effect after such record date shall be determined by multiplying the Exercise Price in effect immediately prior to such record date by a fraction:
 - (i) the numerator of which shall be the Market Price per Common Share on such record date, less the fair market value (as determined in good faith by the Board of Directors, whose determination shall be described in a statement filed with the Rights Agent and shall be binding on the Rights Agent and the holders of Rights), on a per share basis, of the portion of the cash, assets, evidences of indebtedness, rights, options or warrants so to be distributed; and
 - (ii) the denominator of which shall be such Market Price per Common Share.

Such adjustments shall be made successively whenever such a record date is fixed, and in the event that such a distribution is not so made, the Exercise Price shall be adjusted to be

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the Exercise Price which would have been in effect if such record date had not been fixed.

- (d) Notwithstanding anything herein to the contrary, no adjustment in the Exercise Price shall be required unless such adjustment would require an increase or decrease of at least one per cent in the Exercise Price; provided, however, that any adjustments which by reason of this Subsection 2.3(d) are not required to be made shall be carried forward and taken into account in any subsequent adjustment. All calculations under Section 2.3 shall be made to the nearest cent or to the nearest ten-thousandth of a share. Notwithstanding the first sentence of this Subsection 2.3(d), any adjustment required by Section 2.3 shall be made no later than the earlier of:
 - (i) three years from the date of the transaction which gives rise to such adjustment; or
 - (ii) the Expiration Date.

- (e) In the event the Corporation shall at any time after the Record Time and prior to the Separation Time issue any shares of capital stock (other than Common Shares), or rights, options or warrants to subscribe for or purchase any such capital stock, or securities convertible into or exchangeable for any such capital stock, in a transaction referred to in Clause 2.3(a)(i) or (iv), if the Board of Directors acting in good faith determines that the adjustments contemplated by Subsections 2.3(a), (b) and (c) in connection with such transaction will not appropriately protect the interests of the holders of Rights, the Board of Directors may determine what other adjustments to the Exercise Price, number of Rights and/or securities purchasable upon exercise of Rights would be appropriate and, notwithstanding Subsections 2.3(a), (b) and (c), such adjustments, rather than the adjustments contemplated by Subsections 2.3(a), (b) and (c), shall be made. Subject to the prior consent of the holders of the Voting Shares or the Rights obtained as set forth in Subsection 5.4(b) or (c), the Corporation and the Rights Agent shall have authority to amend this Agreement as appropriate to provide for such adjustments.
- (f) Each Right originally issued by the Corporation subsequent to any adjustment made to the Exercise Price hereunder shall evidence the right to purchase, at the adjusted Exercise Price, the number of Common Shares purchasable from time to time hereunder upon exercise of a Right immediately prior to such issue, all subject to further adjustment as provided herein.
- (g) Irrespective of any adjustment or change in the Exercise Price or the number of Common Shares issuable upon the exercise of the Rights, the Rights Certificates theretofore and thereafter issued may continue to express the Exercise Price per Common Share and the number of Common Shares which were expressed in the initial Rights Certificates issued hereunder.
- (h) In any case in which this Section 2.3 shall require that an adjustment in the Exercise Price be made effective as of a record date for a specified event, the Corporation may elect to defer until the occurrence of such event the issuance to the holder of any Right exercised after such record date the number of Common Shares and other securities of the Corporation, if any, issuable upon such exercise over and above the number of Common Shares and other securities of the Corporation, if any, issuable upon such exercise on the basis of the Exercise Price in effect prior to such adjustment; provided, however, that the

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Corporation shall deliver to such holder an appropriate instrument evidencing such holder's right to receive such additional shares (fractional or otherwise) or other securities upon the occurrence of the event requiring such adjustment.

- (i) Notwithstanding anything contained in this Section 2.3 to the contrary, the Corporation shall be entitled to make such reductions in the Exercise Price, in addition to those adjustments expressly required by this Section 2.3, as and to the extent that in their good faith judgment the Board of Directors shall determine to be advisable, in order that any:
 - (i) consolidation or subdivision of Common Shares;
 - (ii) issuance (wholly or in part for cash) of Common Shares or securities that by their terms are convertible into or exchangeable for Common Shares;
 - (iii) stock dividends; or
 - (iv) issuance of rights, options or warrants referred to in this Section 2.3,

 $hereafter\ made\ by\ the\ Corporation\ to\ holders\ of\ its\ Common\ Shares,\ shall\ not\ be\ taxable\ to\ such\ shareholders.$

2.4 **Date on Which Exercise Is Effective**

Each Person in whose name any certificate for Common Shares or other securities, if applicable, is issued upon the exercise of Rights shall for all purposes be deemed to have become the holder of record of the Common Shares or other securities, if applicable, represented thereon, and such certificate shall be dated the date upon which the Rights Certificate evidencing such Rights was duly surrendered in accordance with Subsection 2.2(d) (together with a duly completed Election to Exercise) and payment of the Exercise Price for such Rights (and any applicable transfer taxes and other governmental charges payable by the exercising holder hereunder) was made; provided, however, that if the date of such surrender and payment is a date upon which the Common Share transfer books of the Corporation are closed, such Person shall be deemed to have become the record holder of such shares on, and such certificate shall be dated, the next succeeding Business Day on which the Common Share transfer books of the Corporation are open.

2.5 <u>Execution, Authentication, Delivery and Dating of Rights Certificates</u>

- (a) The Rights Certificates shall be executed on behalf of the Corporation by its Chairman of the Board, President or any Vice-President and by its Corporate Secretary or any Assistant Secretary under the corporate seal of the Corporation reproduced thereon. The signature of any of these officers on the Rights Certificates may be manual or facsimile. Rights Certificates bearing the manual or facsimile signatures of individuals who were at any time the proper officers of the Corporation shall bind the Corporation, notwithstanding that such individuals or any of them have ceased to hold such offices either before or after the countersignature and delivery of such Rights Certificates.
- (b) Promptly after the Corporation learns of the Separation Time, the Corporation will notify the Rights Agent of such Separation Time and will deliver Rights Certificates executed by the Corporation to the Rights Agent for countersignature, and the Rights Agent shall manually countersign (in a manner satisfactory to the Corporation) and send such Rights Certificates to the holders of the Rights pursuant to Subsection 2.2(c) hereof. No Rights

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Certificate shall be valid for any purpose until countersigned by the Rights Agent as aforesaid.

(c) Each Rights Certificate shall be dated the date of countersignature thereof.

2.6 Registration, Transfer and Exchange

(a) The Corporation will cause to be kept a register (the "Rights Register") in which, subject to such reasonable regulations as it may prescribe, the Corporation will provide for the registration and transfer of Rights. The Rights Agent is hereby appointed registrar for the Rights (the "Rights Registrar") for the purpose of maintaining the Rights Register for the Corporation and registering Rights and transfers of Rights as herein provided and the Rights Agent hereby accepts such appointment. In the event that the Rights Agent shall cease to be the Rights Registrar, the Rights Agent will have the right to examine the Rights Register at all reasonable times.

After the Separation Time and prior to the Expiration Time, upon surrender for registration of transfer or exchange of any Rights Certificate, and subject to the provisions of Subsection 2.6(c), the Corporation will execute, and the Rights Agent will manually countersign and deliver, in the name of the holder or the

designated transferee or transferees, as required pursuant to the holder's instructions, one or more new Rights Certificates evidencing the same aggregate number of Rights as did the Rights Certificates so surrendered.

- (b) All Rights issued upon any registration of transfer or exchange of Rights Certificates shall be the valid obligations of the Corporation, and such Rights shall be entitled to the same benefits under this Agreement as the Rights surrendered upon such registration of transfer or exchange.
- (c) Every Rights Certificate surrendered for registration of transfer or exchange shall be duly endorsed, or be accompanied by a written instrument of transfer in form satisfactory to the Corporation or the Rights Agent, as the case may be, duly executed by the holder thereof or such holder's attorney duly authorized in writing. As a condition to the issuance of any new Rights Certificate under this Section 2.6, the Corporation may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the reasonable fees and expenses of the Rights Agent) connected therewith.

2.7 <u>Mutilated, Destroyed, Lost and Stolen Rights Certificates</u>

- (a) If any mutilated Rights Certificate is surrendered to the Rights Agent prior to the Expiration Time, the Corporation shall execute and the Rights Agent shall countersign and deliver in exchange therefor a new Rights Certificate evidencing the same number of Rights as did the Rights Certificate so surrendered.
- (b) If there shall be delivered to the Corporation and the Rights Agent prior to the Expiration Time:
 - (i) evidence to their reasonable satisfaction of the destruction, loss or theft of any Rights Certificate; and

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(ii) such security or indemnity as may be reasonably required by them to save each of them and any of their agents harmless;

then, in the absence of notice to the Corporation or the Rights Agent that such Rights Certificate has been acquired by a *bona fide* purchaser, the Corporation shall execute and upon the Corporation's request the Rights Agent shall countersign and deliver, in lieu of any such destroyed, lost or stolen Rights Certificate, a new Rights Certificate evidencing the same number of Rights as did the Rights Certificate so destroyed, lost or stolen.

- (c) As a condition to the issuance of any new Rights Certificate under this Section 2.7, the Corporation may require the payment of a sum sufficient to cover any tax or other governmental charge that may be imposed in relation thereto and any other expenses (including the reasonable fees and expenses of the Rights Agent) connected therewith.
- (d) Every new Rights Certificate issued pursuant to this Section 2.7 in lieu of any destroyed, lost or stolen Rights Certificate shall evidence the contractual obligation of the Corporation, whether or not the destroyed, lost or stolen Rights Certificate shall be at any time enforceable by anyone, and shall be entitled to all the benefits of this Agreement equally and proportionately with any and all other Rights duly issued hereunder.

2.8 Persons Deemed Owners of Rights

The Corporation, the Rights Agent and any agent of the Corporation or the Rights Agent may deem and treat the Person in whose name a Rights Certificate (or, prior to the Separation Time, the associated Common Share certificate) is registered as the absolute owner thereof and of the Rights evidenced thereby for all purposes whatsoever. As used in this Agreement, unless the context otherwise requires, the term "holder" of any Right shall mean the registered holder of such Right (or, prior to the Separation Time, of the associated Common Share).

2.9 **Delivery and Cancellation of Certificates**

All Rights Certificates surrendered upon exercise or for redemption, registration of transfer or exchange shall, if surrendered to any Person other than the Rights Agent, be delivered to the Rights Agent and, in any case, shall be promptly cancelled by the Rights Agent. The Corporation may at any time deliver to the Rights Agent for cancellation any Rights Certificates previously countersigned and delivered hereunder which the Corporation may have acquired in any manner whatsoever, and all Rights Certificates so delivered shall be promptly cancelled by the Rights Agent. No Rights Certificate shall be countersigned in lieu of or in exchange for any Rights Certificates cancelled as provided in this Section 2.9, except as expressly permitted by this Agreement. The Rights Agent shall, subject to applicable laws, destroy all cancelled Rights Certificates and deliver a certificate of destruction to the Corporation.

2.10 Agreement of Rights Holders

Every holder of Rights, by accepting the same, consents and agrees with the Corporation and the Rights Agent and with every other holder of Rights:

(a) to be bound by and subject to the provisions of this Agreement, as amended from time to time in accordance with the terms hereof, in respect of all Rights held;

- (b) that prior to the Separation Time, each Right will be transferable only together with, and will be transferred by a transfer of, the associated Common Share certificate representing such Right;
- (c) that after the Separation Time, the Rights Certificates will be transferable only on the Rights Register as provided herein;
- (d) that prior to due presentment of a Rights Certificate (or, prior to the Separation Time, the associated Common Share certificate) for registration of transfer, the Corporation, the Rights Agent and any agent of the Corporation or the Rights Agent may deem and treat the Person in whose name the Rights Certificate (or, prior to the Separation Time, the associated Common Share certificate) is registered as the absolute owner thereof and of the Rights evidenced thereby (notwithstanding any notations of ownership or writing on such Rights Certificate or the associated Common Share certificate made by anyone other than the Corporation or the Rights Agent) for all purposes whatsoever, and neither the Corporation nor the Rights Agent shall be affected by any notice to the contrary;
- (e) that such holder of Rights has waived his right to receive any fractional Rights or any fractional shares or other securities upon exercise of a Right (except as provided herein); and
- (f) that, subject to the provisions of Section 5.4, without the approval of any holder of Rights or Voting Shares and upon the sole authority of the Board of Directors, acting in good faith, this Agreement may be supplemented or amended from time to time to cure any ambiguity or to correct or supplement any provision contained herein which may be inconsistent with the intent of this Agreement or is otherwise defective, as provided herein.

2.11 Rights Certificate Holder Not Deemed a Shareholder

No holder, as such, of any Rights or Rights Certificate shall be entitled to vote, receive dividends or be deemed for any purpose whatsoever the holder of any Common Share or any other share or security of the Corporation which may at any time be issuable on the exercise of the Rights represented thereby, nor shall anything contained herein or in any Rights Certificate be construed or deemed or confer upon the holder of any Right or Rights Certificate, as such, any right, title, benefit or privilege of a holder of Common Shares or any other shares or securities of the Corporation or any right to vote at any meeting of shareholders of the Corporation whether for the election of directors or otherwise or upon any matter submitted to holders of Common Shares or any other shares of the Corporation, or to receive notice of any meeting or other action affecting any holder of Common Shares or any other shares of the Corporation except as expressly provided herein, or to receive dividends, distributions or subscription rights, or otherwise, until the Right or Rights evidenced by Rights Certificates shall have been duly exercised in accordance with the terms and provisions hereof.

ARTICLE 3 - ADJUSTMENTS TO THE RIGHTS

3.1 Flip-in Event

(a) Subject to Subsection 3.1(b) and Section 5.1, in the event that prior to the Expiration Time a Flip-in Event shall occur, each Right shall constitute, effective at the close of business on the eighth Trading Day after the Stock Acquisition Date, the right to

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purchase from the Corporation, upon exercise thereof in accordance with the terms hereof, that number of Common Shares having an aggregate Market Price on the date of consummation or occurrence of such Flip-in Event equal to twice the Exercise Price for an amount in cash equal to the Exercise Price (such right to be appropriately adjusted in a manner analogous to the applicable adjustment provided for in Section 2.3 in the event that after such consummation or occurrence, an event of a type analogous to any of the events described in Section 2.3 shall have occurred).

- (b) Notwithstanding anything in this Agreement to the contrary, upon the occurrence of any Flip-in Event, any Rights that are or were Beneficially Owned on or after the earlier of the Separation Time or the Stock Acquisition Date by:
 - (i) an Acquiring Person (or any Affiliate or Associate of an Acquiring Person or any Person acting jointly or in concert with an Acquiring Person or any Affiliate or Associate of an Acquiring Person); or
 - (ii) a transferee of Rights, directly or indirectly, from an Acquiring Person (or any Affiliate or Associate of an Acquiring Person or any Person acting jointly or in concert with an Acquiring Person or any Affiliate or Associate of an Acquiring Person), where such transferee becomes a transferee concurrently with or subsequent to the Acquiring Person becoming such in a transfer that the Board of Directors has determined is part of a plan, arrangement or scheme of an Acquiring Person (or any Affiliate or Associate of an Acquiring Person or any Person acting jointly or in concert with an Acquiring Person or any Affiliate or Associate of an Acquiring Person), that has the purpose or effect of avoiding Clause 3.1(b)(i),

shall become null and void without any further action, and any holder of such Rights (including transferees) shall thereafter have no right to exercise such Rights under any provision of this Agreement and further shall thereafter not have any other rights whatsoever with respect to such Rights, whether under any provision of this Agreement or otherwise.

- (c) From and after the Separation Time, the Corporation shall do all such acts and things as shall be necessary and within its power to ensure compliance with the provisions of this Section 3.1, including without limitation, all such acts and things as may be required to satisfy the requirements of the *Canada Business Corporations Act*, the *Securities Act* (Alberta) and the securities laws or comparable legislation of each of the provinces of Canada and of the United States and each of the states thereof in respect of the issue of Common Shares upon the exercise of Rights in accordance with this Agreement.
- (d) Any Rights Certificate that represents Rights Beneficially Owned by a Person described in either Clause 3.1(b)(i) or (ii) or transferred to any nominee of any such Person, and any Rights Certificate issued upon transfer, exchange, replacement or adjustment of any other Rights Certificate referred to in this sentence, shall contain the following legend:

The Rights represented by this Rights Certificate were issued to a Person who was an Acquiring Person or an Affiliate or an Associate of an Acquiring Person (as such terms are defined in the Shareholder Rights Plan Agreement) or a Person who was acting jointly or in concert with an Acquiring Person or an Affiliate or Associate of an Acquiring Person. This Rights Certificate and the Rights

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represented hereby are void or shall become void in the circumstances specified in Subsection 3.1(b) of the Shareholder Rights Plan Agreement.

provided, however, that the Rights Agent shall not be under any responsibility to ascertain the existence of facts that would require the imposition of such legend but shall impose such legend only if instructed to do so by the Corporation in writing or if a holder fails to certify upon transfer or exchange in the space provided on the Rights Certificate that such holder is not a Person described in such legend.

ARTICLE 4 - THE RIGHTS AGENT

4.1 General

- (a) The Corporation hereby appoints the Rights Agent to act as agent for the Corporation and the holders of the Rights in accordance with the terms and conditions hereof, and the Rights Agent hereby accepts such appointment. The Corporation may from time to time appoint such co-Rights Agents ("Co-Rights Agents") as it may deem necessary or desirable. In the event the Corporation appoints one or more Co-Rights Agents, the respective duties of the Rights Agent and Co-Rights Agents shall be as the Corporation may determine. The Corporation agrees to pay all reasonable fees and expenses of the Rights Agent in respect of the performance of its duties under this Agreement. The Corporation also agrees to indemnify the Rights Agent for, and to hold it harmless against, any loss, liability, or expense, incurred without negligence, bad faith or wilful misconduct on the part of the Rights Agent, for anything done or omitted by the Rights Agent in connection with the acceptance and administration of this Agreement, including the costs and expenses of defending against any claim of liability, which right to indemnification will survive the termination of this Agreement.
- (b) The Rights Agent shall be protected and shall incur no liability for or in respect of any action taken, suffered or omitted by it in connection with its administration of this Agreement in reliance upon any certificate for Common Shares, Rights Certificate, certificate for other securities of the Corporation, instrument of

assignment or transfer, power of attorney, endorsement, affidavit, letter, notice, direction, consent, certificate, statement, or other paper or document believed by it to be genuine and to be signed, executed and, where necessary, verified or acknowledged, by the proper Person or Persons.

4.2 Merger, Amalgamation or Consolidation or Change of Name of Rights Agent

(a) Any corporation into which the Rights Agent may be merged or amalgamated or with which it may be consolidated, or any corporation resulting from any merger, amalgamation, statutory arrangement or consolidation to which the Rights Agent is a party, or any corporation succeeding to the shareholder or stockholder services business of the Rights Agent, will be the successor to the Rights Agent under this Agreement without the execution or filing of any paper or any further act on the part of any of the parties hereto, provided that such corporation would be eligible for appointment as a successor Rights Agent under the provisions of Section 4.4 hereof. In case at the time such successor Rights Agent succeeds to the agency created by this Agreement any of the Rights Certificates have been countersigned but not delivered, any successor Rights Agent may adopt the countersignature of the predecessor Rights Agent and deliver such Rights Certificates so countersigned; and in case at that time any of the Rights have not

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been countersigned, any successor Rights Agent may countersign such Rights Certificates in the name of the predecessor Rights Agent or in the name of the successor Rights Agent; and in all such cases such Rights Certificates will have the full force provided in the Rights Certificates and in this Agreement.

(b) In case at any time the name of the Rights Agent is changed and at such time any of the Rights Certificates shall have been countersigned but not delivered, the Rights Agent may adopt the countersignature under its prior name and deliver Rights Certificates so countersigned; and in case at that time any of the Rights Certificates shall not have been countersigned, the Rights Agent may countersign such Rights Certificates either in its prior name or in its changed name; and in all such cases such Rights Certificates shall have the full force provided in the Rights Certificates and in this Agreement.

4.3 **Duties of Rights Agent**

The Rights Agent undertakes the duties and obligations imposed by this Agreement upon the following terms and conditions, all of which the Corporation and the holders of certificates for Common Shares and the holders of Rights Certificates, by their acceptance thereof, shall be bound:

- (a) the Rights Agent may consult with legal counsel (who may be legal counsel for the Corporation) and the opinion of such counsel will be full and complete authorization and protection to the Rights Agent as to any action taken or omitted by it in good faith and in accordance with such opinion;
- (b) whenever in the performance of its duties under this Agreement, the Rights Agent deems it necessary or desirable that any fact or matter be proved or established by the Corporation prior to taking or suffering any action hereunder, such fact or matter (unless other evidence in respect thereof be herein specifically prescribed) may be deemed to be conclusively proved and established by a certificate signed by a Person believed by the Rights Agent to be the Chairman of the Board, President, any Vice-President, Treasurer, Corporate Secretary, or any Assistant Secretary of the Corporation and delivered to the Rights Agent; and such certificate will be full authorization to the Rights Agent for any action taken or suffered in good faith by it under the provisions of this Agreement in reliance upon such certificate;
- (c) the Rights Agent will be liable hereunder for its own negligence, bad faith or wilful misconduct;
- (d) the Rights Agent will not be liable for or by reason of any of the statements of fact or recitals contained in this Agreement, or in the certificates for Common Shares or in the Rights Certificates (except its countersignature thereof) or be required to verify the same, but all such statements and recitals are and will be deemed to have been made by the Corporation only;
- (e) the Rights Agent will not be under any responsibility in respect of the validity of this Agreement or the execution and delivery hereof (except the due authorization, execution and delivery hereof by the Rights Agent) or in respect of the validity or execution of any certificate for a Common Share or Rights Certificate (except its countersignature thereof); nor will it be responsible for any breach by the Corporation of any covenant or condition contained in this Agreement or in any Rights Certificate; nor will it be responsible for any change in the exerciseability of the Rights (including the Rights

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becoming void pursuant to Subsection 3.1(b) hereof) or any adjustment required under the provisions of Section 2.3 hereof or responsible for the manner, method or amount of any such adjustment or the ascertaining of the existence of facts that would require any such adjustment (except with respect to the exercise of Rights after receipt of the certificate contemplated by Section 2.3 describing any such adjustment); nor will it by any act hereunder be deemed to make any representation or warranty as to the authorization of any Common Shares to be issued pursuant to this Agreement or any Rights or as to whether any Common Shares will, when issued, be duly and validly authorized, executed, issued and delivered and fully paid and non-assessable;

- (f) the Corporation agrees that it will perform, execute, acknowledge and deliver or cause to be performed, executed, acknowledged and delivered all such further and other acts, instruments and assurances as may reasonably be required by the Rights Agent for the carrying out or performing by the Rights Agent of the provisions of this Agreement;
- (g) the Rights Agent is hereby authorized and directed to accept instructions in writing with respect to the performance of its duties hereunder from any individual believed by the Rights Agent to be the Chairman of the Board, President, any Vice-President, Treasurer, Corporate Secretary or any Assistant Secretary of the Corporation, and to apply to such individuals for advice or instructions in connection with its duties, and it shall not be liable for any action taken or suffered by it in good faith in accordance with instructions of any such individual;
- (h) the Rights Agent and any shareholder or stockholder, director, officer or employee of the Rights Agent may buy, sell or deal in Common Shares, Rights or other securities of the Corporation or become pecuniarily interested in any transaction in which the Corporation may be interested, or contract with or lend money to the Corporation or otherwise act as fully and freely as though it were not Rights Agent under this Agreement. Nothing herein shall preclude the Rights Agent from acting in any other capacity for the Corporation or for any other legal entity; and
- (i) the Rights Agent may execute and exercise any of the rights or powers hereby vested in it or perform any duty hereunder either itself or by or through its attorneys or agents, and the Rights Agent will not be answerable or accountable for any act, default, neglect or misconduct of any such attorneys or agents or for any loss to the Corporation resulting from any such act, default, neglect or misconduct, provided reasonable care was exercised in the selection and continued employment thereof.

The Rights Agent may resign and be discharged from its duties under this Agreement upon 60 days' notice (or such lesser notice as is acceptable to the Corporation) in writing mailed to the Corporation and to each transfer agent of Common Shares by registered or certified mail. The Corporation may remove the Rights Agent upon 60 days' notice in writing, mailed to the Rights Agent and to each transfer agent of the Common Shares by registered or certified mail. If the Rights Agent should resign or be removed or otherwise become incapable of acting, the Corporation will appoint a successor to the Rights Agent. If the Corporation fails to make such appointment within a period of 60 days after such removal or after it has been notified in writing of such resignation or incapacity by the resigning or incapacitated Rights Agent, then by prior written notice to the Corporation the resigning Rights Agent or the holder of any Rights (which holder shall, with such notice, submit such holder's Rights Certificate, if any, for inspection by the Corporation), may apply to any court of competent

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jurisdiction for the appointment of a new Rights Agent. Any successor Rights Agent, whether appointed by the Corporation or by such a court, shall be a corporation incorporated under the laws of Canada or a province thereof authorized to carry on the business of a trust company in the Province of Alberta. After appointment, the successor Rights Agent will be vested with the same powers, rights, duties and responsibilities as if it had been originally named as Rights Agent without further act or deed; but the predecessor Rights Agent shall deliver and transfer to the successor Rights Agent any property at the time held by it hereunder, and execute and deliver any further assurance, conveyance, act or deed necessary for the purpose. Not later than the effective date of any such appointment, the Corporation will file notice thereof in writing with the predecessor Rights Agent and each transfer agent of the Common Shares and mail a notice thereof in writing to the holders of the Rights in accordance with Section 5.9. Failure to give any notice provided for in this Section 4.4, however, or any defect therein, shall not affect the legality or validity of the resignation or removal of the Rights Agent or the appointment of any successor Rights Agent, as the case may be.

ARTICLE 5 - MISCELLANEOUS

5.1 Redemption and Waiver

- (a) The Board of Directors acting in good faith may, until the occurrence of a Flip-in Event, upon prior written notice delivered to the Rights Agent, determine to waive the application of Section 3.1 to a particular Flip-in Event that would result from a Take-over Bid made by way of take-over bid circular to all holders of Voting Shares (which for greater certainty shall not include the circumstances described in Subsection 5.1(h)); provided that if the Board of Directors waives the application of Section 3.1 to a particular Flip-in Event pursuant to this Subsection 5.1(a), the Board of Directors shall be deemed to have waived the application of Section 3.1 to any other Flip-in Event occurring by reason of any Take-over Bid which is made by means of a take-over bid circular to all holders of Voting Shares prior to the expiry of any Take-over Bid in respect of which a waiver is, or is deemed to have been, granted under this Subsection 5.1(a).
- (b) Subject to the prior consent of the holders of the Voting Shares or the Rights obtained as set forth in Subsection 5.4(b) or (c), the Board of Directors of the Corporation acting in good faith may, at its option, at any time prior to the provisions of Section 3.1 becoming applicable as a result of the occurrence of a Flip-in Event, elect to redeem all but not less than all of the outstanding Rights at a redemption price of \$0.001 per Right appropriately adjusted in a manner analogous to the applicable adjustment provided for in Section 2.3 if an event of the type analogous to any of the events described in Section 2.3 shall have occurred (such redemption price being herein referred to as the "Redemption Price").
- (c) Where a Person acquires pursuant to a Permitted Bid, a Competing Permitted Bid or an Exempt Acquisition under Subsection 5.1(a) outstanding Voting Shares, other than Voting Shares Beneficially Owned at the date of the Permitted Bid, the Competing Permitted Bid or the Exempt Acquisition under Subsection 5.1(a) by such Person, then the Board of Directors of the Corporation shall immediately upon the consummation of such acquisition without further formality and without any approval under Subsection 5.4(b) or (c) be deemed to have elected to redeem the Rights at the Redemption Price.
- (d) Where a Take-over Bid that is not a Permitted Bid Acquisition is withdrawn or otherwise terminated after the Separation Time has occurred and prior to the occurrence of a Flip-in

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Event, the Board of Directors may elect to redeem all the outstanding Rights at the Redemption Price.

- (e) If the Board of Directors is deemed under Subsection 5.1(c) to have elected, or elects under either of Subsection 5.1(b) or (d), to redeem the Rights, the right to exercise the Rights will thereupon, without further action and without notice, terminate and the only right thereafter of the holders of Rights shall be to receive the Redemption Price.
- (f) Within 10 days after the Board of Directors is deemed under Subsection 5.1(c) to have elected, or elects under Subsection 5.1(b) or (d), to redeem the Rights, the Corporation shall give notice of redemption to the holders of the then outstanding Rights by mailing such notice to each such holder at his last address as it appears upon the registry books of the Rights Agent or, prior to the Separation Time, on the registry books of the transfer agent for the Voting Shares. Any notice which is mailed in the manner herein provided shall be deemed given, whether or not the holder receives the notice. Each such notice of redemption will state the method by which the payment of the Redemption Price will be made.
- (g) Upon the Rights being redeemed pursuant to Subsection 5.1(d), all the provisions of this Agreement shall continue to apply as if the Separation Time had not occurred and Rights Certificates representing the number of Rights held by each holder of record of Common Shares as of the Separation Time had not been mailed to each such holder and for all purposes of this Agreement the Separation Time shall be deemed not to have occurred.
- (h) The Board of Directors may waive the application of Section 3.1 in respect of the occurrence of any Flip-in Event if the Board of Directors has determined within eight Trading Days following a Stock Acquisition Date that a Person became an Acquiring Person by inadvertence and without any intention to become, or knowledge that it would become, an Acquiring Person under this Agreement and, in the event that such a waiver is granted by the Board of Directors, such Stock Acquisition Date shall be deemed not to have occurred. Any such waiver pursuant to this Subsection 5.1(h) must be on the condition that such Person, within 14 days after the foregoing determination by the Board of Directors or such earlier or later date as the Board of Directors may determine (the "Disposition Date"), has reduced its Beneficial Ownership of Voting Shares such that the Person is no longer an Acquiring Person. If the Person remains an Acquiring Person at the close of business on the Disposition Date, the Disposition Date shall be deemed to be the date of occurrence of a further Stock Acquisition Date and Section 3.1 shall apply thereto.

5.2 <u>Expiration</u>

No Person shall have any rights whatsoever pursuant to this Agreement or in respect of any Right after the Expiration Time, except the Rights Agent as specified in Subsection 4.1(a) of this Agreement.

of securities purchasable upon exercise of Rights made in accordance with the provisions of this Agreement.

5.4 **Supplements and Amendments**

- (a) The Corporation may make amendments to this Agreement to correct any clerical or typographical error or, subject to Subsection 5.4(e), which are required to maintain the validity of this Agreement as a result of any change in any applicable legislation, rules or regulations thereunder. Notwithstanding anything in this Section 5.4 to the contrary, no such supplement or amendment shall be made to the provisions of Article 4 except with the written concurrence of the Rights Agent to such supplement or amendment.
- (b) Subject to Section 5.4(a), the Corporation may, with the prior consent of the holders of Voting Shares obtained as set forth below, at any time prior to the Separation Time, amend, vary or rescind any of the provisions of this Agreement and the Rights (whether or not such action would materially adversely affect the interests of the holders of Rights generally). Such consent shall be deemed to have been given if the action requiring such approval is authorized by the affirmative vote of a majority of the votes cast by Independent Shareholders present or represented at and entitled to be voted at a meeting of the holders of Voting Shares duly called and held in compliance with applicable laws and the articles and by-laws of the Corporation.
- (c) The Corporation may, with the prior consent of the holders of Rights, at any time on or after the Stock Acquisition Date, amend, vary or delete any of the provisions of this Agreement and the Rights (whether or not such action would materially adversely affect the interests of the holders of Rights generally), provided that no such amendment, variation or deletion shall be made to the provisions of Article 4 except with the written concurrence of the Rights Agent thereto. Such consent shall be deemed to have been given if such amendment, variation or deletion is authorized by the affirmative votes of the holders of Rights present or represented at and entitled to be voted at a meeting of the holders and representing 50% plus one of the votes cast in respect thereof.
- (d) Any approval of the holders of Rights shall be deemed to have been given if the action requiring such approval is authorized by the affirmative votes of the holders of Rights present or represented at and entitled to be voted at a meeting of the holders of Rights and representing a majority of the votes cast in respect thereof. For the purposes hereof, each outstanding Right (other than Rights which are void pursuant to the provisions hereof) shall be entitled to one vote, and the procedures for the calling, holding and conduct of the meeting shall be those, as nearly as may be, which are provided in the Corporation's by-laws and the *Canada Business Corporations Act* with respect to meetings of shareholders of the Corporation.
- (e) Any amendments made by the Corporation to this Agreement pursuant to Subsection 5.4(a) which are required to maintain the validity of this Agreement as a result of any change in any applicable legislation, rule or regulation thereunder shall:
 - (i) if made before the Separation Time, be submitted to the shareholders of the Corporation at the next meeting of shareholders and the shareholders may, by the majority referred to in Subsection 5.4(b), confirm or reject such amendment;

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(ii) if made after the Separation Time, be submitted to the holders of Rights at a meeting to be called for on a date not later than immediately following the next meeting of shareholders of the Corporation and the holders of Rights may, by resolution passed by the majority referred to in Subsection 5.4(d), confirm or reject such amendment.

Any such amendment shall be effective from the date of the resolution of the Board of Directors adopting such amendment, until it is confirmed or rejected or until it ceases to be effective (as described in the next sentence) and, where such amendment is confirmed, it continues in effect in the form so confirmed. If such amendment is rejected by the shareholders or the holders of Rights or is not submitted to the shareholders or holders of Rights as required, then such amendment shall cease to be effective from and after the termination of the meeting at which it was rejected or to which it should have been but was not submitted or from and after the date of the meeting of holders of Rights that should have been but was not held, and no subsequent resolution of the Board of Directors to amend this Agreement to substantially the same effect shall be effective until confirmed by the shareholders or holders of Rights as the case may be.

5.5 <u>Fractional Rights and Fractional Shares</u>

- (a) The Corporation shall not be required to issue fractions of Rights or to distribute Rights Certificates which evidence fractional Rights. After the Separation Time, in lieu of issuing fractional Rights, the Corporation shall pay to the holders of record of the Rights Certificates (provided the Rights represented by such Rights Certificates are not void pursuant to the provisions of Subsection 3.1(b), at the time such fractional Rights would otherwise be issuable), an amount in cash equal to the fraction of the Market Price of one whole Right that the fraction of a Right that would otherwise be issuable is of one whole Right.
- (b) The Corporation shall not be required to issue fractions of Common Shares upon exercise of Rights or to distribute certificates which evidence fractional Common Shares. In lieu of issuing fractional Common Shares, the Corporation shall pay to the registered holders of Rights Certificates, at the time such Rights are exercised as herein provided, an amount in cash equal to the fraction of the Market Price of one Common Share that the fraction of a Common Share that would otherwise be issuable upon the exercise of such Right is of one whole Common Share at the date of such exercise.

5.6 Rights of Action

Subject to the terms of this Agreement, all rights of action in respect of this Agreement, other than rights of action vested solely in the Rights Agent, are vested in the respective holders of the Rights. Any holder of Rights, without the consent of the Rights Agent or of the holder of any other Rights, may, on such holder's own behalf and for such holder's own benefit and the benefit of other holders of Rights enforce, and may institute and maintain any suit, action or proceeding against the Corporation to enforce such holder's right to exercise such holder's Rights, or Rights to which such holder is entitled, in the manner provided in such holder's Rights and in this Agreement. Without limiting the foregoing or any remedies available to the holders of Rights it is specifically acknowledged that the holders of Rights would not have an adequate remedy at law for any breach of this Agreement and will be entitled to specific performance of the obligations under, and injunctive relief against actual or threatened violations of the obligations of any Person subject to, this Agreement.

5.7 Regulatory Approvals

Any obligation of the Corporation or action or event contemplated by this Agreement shall be subject to the receipt of any requisite approval or consent from any governmental or regulatory authority, and without limiting the generality of the foregoing, necessary approvals of The Toronto Stock Exchange and other exchanges shall be obtained, such as to the issuance of Common Shares upon the exercise of Rights under Subsection 2.2(d).

5.8 <u>Declaration as to Non-Canadian or Non-U.S. Holders</u>

If in the opinion of the Board of Directors (who may rely upon the advice of counsel) any action or event contemplated by this Agreement would require compliance by the Corporation with the securities laws or comparable legislation of a jurisdiction outside Canada, the Board of Directors acting in good faith shall take such actions as it may deem appropriate to ensure such compliance. In no event shall the Corporation or the Rights Agent be required to issue or deliver Rights or securities issuable on exercise of Rights to persons who are citizens, residents or nationals of any jurisdiction other than Canada or the United States, in which such issue or delivery would be unlawful without registration of the relevant Persons or securities for such purposes.

5.9 Notices

(a) Notices or demands authorized or required by this Agreement to be given or made by the Rights Agent or by the holder of any Rights to or on the Corporation shall be sufficiently given or made if delivered, sent by registered or certified mail, postage prepaid (until another address is filed in writing with the Rights Agent), or sent by facsimile or other form of recorded electronic communication, charges prepaid and confirmed in writing, as follows:

TransCanada Corporation TransCanada PipeLines Tower 450 - 1St Street S.W. P.O. Box 1000, Station M Calgary, Alberta T2P 4K5

Attention: Corporate Secretary Telecopy No.: (403) 920-2460

(b) Notices or demands authorized or required by this Agreement to be given or made by the Corporation or by the holder of any Rights to or on the Rights Agent shall be sufficiently given or made if delivered, sent by registered or certified mail, postage prepaid (until another address is filed in writing with the Corporation), or sent by facsimile or other form of recorded electronic communication, charges prepaid and confirmed in writing, as follows:

Computershare Trust Company of Canada 600, 530 - 8 Avenue S.W. Calgary, Alberta T2P 358

Attention: Manager, Corporate Trust Department

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Telecopy No.: (403) 267-6598

- (c) Notices or demands authorized or required by this Agreement to be given or made by the Corporation or the Rights Agent to or on the holder of any Rights shall be sufficiently given or made if delivered or sent by first class mail, postage prepaid, addressed to such holder at the address of such holder as it appears upon the register of the Rights Agent or, prior to the Separation Time, on the register of the Corporation for its Common Shares. Any notice which is mailed or sent in the manner herein provided shall be deemed given, whether or not the holder receives the notice.
- (d) Any notice given or made in accordance with this Section 5.9 shall be deemed to have been given and to have been received on the day of delivery, if so delivered, on the third Business Day (excluding each day during which there exists any general interruption of postal service due to strike, lockout or other cause) following the mailing thereof, if so mailed, and on the day of telegraphing, telecopying or sending of the same by other means of recorded electronic communication (provided such sending is during the normal business hours of the addressee on a Business Day and if not, on the first Business Day thereafter). Each of the Corporation and the Rights Agent may from time to time change its address for notice by notice to the other given in the manner aforesaid.

5.10 Costs of Enforcement

The Corporation agrees that if the Corporation fails to fulfil any of its obligations pursuant to this Agreement, then the Corporation will reimburse the holder of any Rights for the costs and expenses (including legal fees) incurred by such holder to enforce his rights pursuant to any Rights or this Agreement.

5.11 Successors

All the covenants and provisions of this Agreement by or for the benefit of the Corporation or the Rights Agent shall bind and enure to the benefit of their respective successors and assigns hereunder.

5.12 **Benefits of this Agreement**

Nothing in this Agreement shall be construed to give to any Person other than the Corporation, the Rights Agent and the holders of the Rights any legal or equitable right, remedy or claim under this Agreement; further, this Agreement shall be for the sole and exclusive benefit of the Corporation, the Rights Agent and the holders of the Rights.

5.13 Governing Law

This Agreement and each Right issued hereunder shall be deemed to be a contract made under the laws of the Province of Alberta and for all purposes shall be governed by and construed in accordance with the laws of such Province applicable to contracts to be made and performed entirely within such Province.

5.14 <u>Severability</u>

If any term or provision hereof or the application thereof to any circumstance shall, in any jurisdiction and to any extent, be invalid or unenforceable, such term or provision shall be ineffective

only as to such jurisdiction and to the extent of such invalidity or unenforceability in such jurisdiction without invalidating or rendering unenforceable or ineffective the remaining terms and provisions hereof in such jurisdiction or the application of such term or provision in any other jurisdiction or to circumstances other than those as to which it is specifically held invalid or unenforceable.

5.15 **Effective Date of Agreement**

This Agreement shall be effective and in full force and effect in accordance with its terms from and after the date hereof.

5.16 Reconfirmation and Approval: Reconfirmation

This Agreement must be reconfirmed by a resolution passed by a majority of greater than 50 percent of the votes cast by all holders of Voting Shares who vote in respect of such reconfirmation at the 2004 annual meeting of the Corporation. If the Agreement is not so reconfirmed or is not presented for reconfirmation at such annual meeting, the Agreement and all outstanding Rights shall terminate and be void and of no further force and effect on and from the date of termination of the annual meeting; provided that termination shall not occur if a Flip-in Event has occurred (other than a Flip-in Event which has been waived pursuant to Subsection 5.1(a) or (h) hereof), prior to the date upon which this Agreement would otherwise terminate pursuant to this Section 5.16.

5.17 <u>Determinations and Actions by the Board of Directors</u>

All actions, calculations and determinations (including all omissions with respect to the foregoing) which are done or made by the Board of Directors in good faith for the purposes hereof shall not subject the Board of Directors or any director of the Corporation to any liability to the holders of the Rights.

5.18 <u>Time of the Essence</u>

Certificate No.

Time shall be of the essence in this Agreement.

5.19 **Execution in Counterparts**

This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original, and all such counterparts shall together constitute one and the same instrument.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the date first above written.

TRANSCANADA CORPORATION

11011100		
Ву:	/S/ Dale E. Skinner Director	
Ву	Corporate Secretary	c/s
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COMPU'	TERSHARE TRUST COMPANY OF CANADA /S/ Stephen Bandola	
Ву	/S/ Marilyne Paynter	c/s
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ATTACHMENT 1

TRANSCANADA CORPORATION

SHAREHOLDER RIGHTS PLAN AGREEMENT

[Form of Rights Certificate]

Rights

THE RIGHTS ARE SUBJECT TO TERMINATION ON THE TERMS SET FORTH IN THE SHAREHOLDER RIGHTS PLAN AGREEMENT	. UNDER
CERTAIN CIRCUMSTANCES (SPECIFIED IN SUBSECTION 3.1(b) OF THE SHAREHOLDER RIGHTS PLAN AGREEMENT), RIGHT	S BENEFICIALLY
OWNED BY AN ACQUIRING PERSON OR CERTAIN RELATED PARTIES, OR TRANSFEREES OF AN ACQUIRING PERSON OR	CERTAIN
RELATED PARTIES, MAY BECOME VOID.	

Rights Certificate

This certifies that	or registered assigns, is the registered holder of the number of Rights set for	rth above, each of which
entitles the registered holder thereof, subject	ct to the terms, provisions and conditions of the Shareholder Rights Plan Agreement, dated as of April 24, 20	003, as the same may be

amended or supplemented from time to time (the "Shareholder Rights Agreement"), between TransCanada Corporation, a corporation duly incorporated under the Canada Business Corporations Act (the "Corporation") and Computershare Trust Company of Canada, a trust company incorporated under the laws of Canada (the "Rights Agent") (which term shall include any successor Rights Agent under the Shareholder Rights Agreement), to purchase from the Corporation at any time after the Separation Time (as such term is defined in the Shareholder Rights Agreement), one fully paid common share of the Corporation (a "Common Share") at the Exercise Price referred to below, upon presentation and surrender of this Rights Certificate with the Form of Election to Exercise (in the form provided hereinafter) duly executed and submitted to the Rights Agent at its principal office in any of the cities of Vancouver, Calgary, Regina, Winnipeg, Toronto and Montreal or to the principal office of The Bank of Montreal Trust Company in New York City, New York. The Exercise Price shall initially be \$100 (Cdn.) per Right and shall be subject to adjustment in certain events as provided in the Shareholder Rights Agreement.

This Rights Certificate is subject to all of the terms and provisions of the Shareholder Rights Agreement, which terms and provisions are incorporated herein by reference and made a part hereof and to which Shareholder Rights Agreement reference is hereby made for a full description of the rights, limitations of rights, obligations, duties and immunities thereunder of the Rights Agent, the Corporation and the holders of the Rights Certificates. Copies of the Shareholder Rights Agreement are on file at the registered office of the Corporation.

This Rights Certificate, with or without other Rights Certificates, upon surrender at any of the offices of the Rights Agent designated for such purpose, may be exchanged for another Rights Certificate or Rights Certificates of like tenor and date evidencing an aggregate number of Rights equal to the aggregate number of Rights evidenced by the Rights Certificate or Rights Certificates surrendered. If this Rights Certificate shall be exercised in part, the registered holder shall be entitled to receive, upon surrender hereof, another Rights Certificate or Rights Certificates for the number of whole Rights not exercised.

No holder of this Rights Certificate, as such, shall be entitled to vote or receive dividends or be deemed for any purpose the holder of Common Shares or of any other securities which may at any time be issuable upon the exercise hereof, nor shall anything contained in the Shareholder Rights Agreement or herein be construed to confer upon the holder hereof, as such, any of the Rights of a shareholder of the Corporation or any right to vote for the election of directors or upon any matter submitted to shareholders at any meeting thereof, or to give or withhold consent to any corporate action, or to receive notice of meetings or other actions affecting shareholders (except as provided in the Shareholder Rights Agreement), or to receive dividends or subscription rights, or otherwise, until the Rights evidenced by this Rights Certificate shall have been exercised as provided in the Shareholder Rights Agreement.

This Rights Certificate shall not be valid or obligatory for any purp	pose until it shall have been countersigned by the Rights Agent.
WITNESS the facsimile signature of the proper officers of the Cor	poration and its corporate seal.
Date:	
TRANSCANADA CORPORATION	
By [President]	By: [Corporate Secretary]
Countersigned:	[00.pound 00.00.00]
COMPUTERSHARE TRUST COMPANY OF CANADA	
By: Authorized Signature	
FORM	OF ASSIGNMENT
To be executed by the registered holder if such holder desires to transfer the Rights	Certificate.)
FOR VALUE RECEIVED hereby sells, assigns and	l transfers unto
(Please print na	nme and address of transferee.)
he Rights represented by this Rights Certificate, together with all right, title and inte appoint, as attorney, to transfer the within R	
Dated:	
	Signature gnature must correspond to name as written upon the face of this Rights Certificate in every cicular, without alteration or enlargement or any change whatsoever.)
Signature must be guaranteed by a member firm of a recognized st	ock exchange in Canada, or a commercial bank or trust company having an office or

CERTIFICATE

correspondent in Canada.

(To be completed if true.)

The undersigned party transferring Rights hereunder, hereby represents, for the benefit of all holders of Rights and Common Shares, that the Rights evidenced by this Rights Certificate are not, and, to the knowledge of the undersigned, have never been, Beneficially Owned by an Acquiring Person or an Affiliate or Associate thereof or a Person acting jointly or in concert with an Acquiring Person or an Affiliate or Associate thereof. Capitalized terms shall have the meaning ascribed thereto in the Shareholder Rights Agreement.

Signatur
(To be attached to each Rights Certificate.)
FORM OF ELECTION TO EXERCISE
(To be exercised by the registered holder if such holder desires to exercise the Rights Certificate.)
TO:
The undersigned hereby irrevocably elects to exercise whole Rights represented by the attached Rights Certificate to purchase the Common Shares or other securities, if applicable, issuable upon the exercise of such Rights and requests that certificates for such securities be issued in the name of:
(Name)
(Address)
(City and Province)
Social Insurance Number or other taxpayer identification number.
If such number of Rights shall not be all the Rights evidenced by this Rights Certificate, a new Rights Certificate for the balance of such Rights shall be registered in the name of and delivered to:
(Name)
(Address)
(City and Province)
Social Insurance Number or other taxpayer identification number.
Dated:
Signature Guaranteed: Signature (Signature must correspond to name as written upon the face of this Rights Certificate in every particular, without alteration or enlargement or any change whatsoever.)
Signature must be guaranteed by a member firm of a recognized stock exchange in Canada, or a commercial bank or trust company having an office or correspondent in Canada.
CERTIFICATE
(To be completed if true.)
The undersigned party exercising Rights hereunder, hereby represents, for the benefit of all holders of Rights and Common Shares, that the Rights evidenced by this Rights Certificate are not,
and, to the knowledge of the undersigned, have never been, Beneficially Owned by an Acquiring Person or an Affiliate or Associate thereof or a Person acting jointly or in concert with an Acquiring Person or an Affiliate or Associate thereof. Capitalized terms shall have the meaning ascribed thereto in the Shareholder Rights Agreement.
Signatur
(To be attached to each Rights Certificate.)
· · · · · · · · · · · · · · · · · · ·

NOTICE

Certificate owned or deemed to have been owned by or an Affiliate or Associate thereof.	an Acquiring Person or an Affilia	te or Associate thereof, or by a Pe	erson acting jointly or in concert	with an Acquiring Person