

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

SENECO TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

84-1368850

(I.R.S. Employer Identification Number)

303 George Street, Suite 420, New Brunswick, New Jersey 08901

(732) 296-8400

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

2008 Incentive Compensation Plan

(Full title of the plan)

Bruce C. Galton, President and Chief Executive Officer

303 George Street, Suite 420, New Brunswick, New Jersey 08901

(732) 296-8400

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies of all communications, including all communications sent to the agent for service, should be sent to:

Emilio Ragosa, Esq.

Morgan Lewis & Bockius, LLP

502 Carnegie Center

Princeton, New Jersey 08540

(609) 919-6600

CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount to be Registered(1) (2)	Proposed Maximum Offering Price Per Share(3)	Proposed Maximum Aggregate Offering Price(3)	Amount of Registration Fee
Common Stock, \$0.01 par value per share	6,137,200 shares	\$.45	\$ 2,761,740	\$ 108.54

(1) On December 18, 2008, 6,137,200 shares of common stock became available for issuance under the Senesco Technologies, Inc. 2008 Incentive Compensation Plan, in accordance with the provisions of the plan. The reserved shares under the plan consist of (i) a new share pool of 4,000,000 shares, plus (ii) 1,137,200 shares transferred from the unallocated share reserve remaining under the 1998 Stock Plan, plus (iii) up to 1,000,000 shares, which consist of options or RSUs which are outstanding under the 1998 Stock Plan on December 18, 2008 and subsequently terminate unexercised or without the issuance of shares. As a result, this registration statement covers such additional 1,000,000 shares of common stock, for an aggregate of 6,137,200 shares of common stock registered under such plan.

(2) Pursuant to Rule 416 of the Securities Act of 1933, as amended, this registration statement shall also cover any additional shares of common stock which become issuable under the Senesco Technologies, Inc. 2008 Incentive Compensation Plan by reason of any stock split, stock dividend, recapitalization, combination of shares, exchange of shares, spin-off transaction or other change affecting the outstanding Common Stock as a class without the Company's receipt of consideration, or should the value of outstanding shares of Common Stock be substantially reduced as a result of a spin-off transaction or an extraordinary dividend or distribution, or should there occur any merger, consolidation or other reorganization.

(3) Estimated solely for the purposes of calculating the registration fee pursuant to Rules 457(c) and 457(h) of the Securities Act of 1933, as amended, and based upon the average of the reported high and low sales prices per share of the common stock of Senesco Technologies, Inc. on February 17, 2009, as reported by the NYSE Alternext US. Pursuant to Rule 457(h)(2) of the Securities Act of 1933, as amended, no separate registration fee is required with respect to the plan interests.

As permitted by the rules of the Securities and Exchange Commission, referred to herein as the Commission, under the Securities Act of 1933, as amended, this Registration Statement on Form S-8 omits the information specified in Part I of Form S-8.

PART II

Information Required in the Registration Statement

Item 3. Incorporation of Documents by Reference

Senesco Technologies, Inc. (the “Registrant”) hereby incorporates by reference into this Registration Statement on Form S-8 (the “Registration Statement”) the following documents previously filed with the Securities and Exchange Commission (the “Commission”):

- (a) The Registrant’s Annual Report on Form 10-K for the fiscal year ended June 30, 2008 (Commission File No. 001-31326), filed on September 26, 2008, pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), in which there is set forth the audited consolidated financial statements for the Registrant’s fiscal year ended June 30, 2008;
- (b) The Registrant’s Quarterly Report on Form 10-Q for each of the quarters ended September 30, 2008 and December 31, 2008 and the amended and restated Quarterly Reports for each of the quarters ended December 31, 2007 and March 31, 2008;
- (c) The Registrant’s Current Reports on Form 8-K, filed with the Commission on July 3, 2008, July 7, 2008, August 1, 2008, September 26, 2008, October 28, 2008, October 29, 2008, December 5, 2008 and February 4, 2009; and
- (d) The Registrant’s registration statement on Form 8-A filed with the Commission on May 14, 2002, in which there is described the terms, rights and provisions applicable to the Registrant’s outstanding common stock.

All reports and definitive proxy or information statements filed pursuant to Section 13(a), 13(c), 14 and 15(d) of the Exchange Act after the date of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which de-registers all securities then remaining unsold, shall be deemed to be incorporated by reference into this Registration Statement and to be a part hereof from the date of filing of such documents. Unless expressly incorporated into this Registration Statement, a report furnished on Form 8-K under the Exchange Act shall not be incorporated by reference into this Registration Statement. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 4. Description of Securities

Not applicable.

Item 5. Interests of Named Experts and Counsel

Not applicable.

Item 6. Indemnification of Directors and Officers

Section 145 of the Delaware General Corporation Law empowers a Delaware corporation to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of such corporation) by reason of the fact that such person is or was a director, officer, employee or agent of such corporation, or is or was serving at the request of such corporation as a director, officer, employee or agent of another corporation or enterprise. A corporation may, in advance of the final disposition of any civil, criminal, administrative or investigative action, suit or proceeding, pay the expenses (including attorneys’ fees) incurred by any officer, director, employee or agent in defending such action, provided that the director or officer undertakes to repay such amount if it shall ultimately be determined that he is not entitled to be indemnified by the corporation. A corporation may indemnify such person against expenses (including attorneys’ fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful.

A Delaware corporation may indemnify officers and directors in an action by or in the right of the corporation to procure a judgment in its favor under the same conditions, except that no indemnification is permitted without judicial approval if the officer or director is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in the defense of any action referred to above, the corporation must indemnify him against the expenses (including attorneys fees) which he actually and reasonably incurred in connection therewith. The indemnification provided is not deemed to be exclusive of any other rights to which an officer or director may be entitled under any corporation’s by-law, agreement, vote or otherwise.

Our certificate of incorporation includes a provision that eliminates the personal liability of our directors to us or our stockholders for monetary damages for breach of their fiduciary duty to the maximum extent permitted by the DGCL. The DGCL does not permit liability to be eliminated (i) for any breach of a director’s duty of loyalty to us or our stockholders, (ii) for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law, (iii) for unlawful payments of dividends or unlawful stock repurchases or redemptions, as provided in Section 174 of the DGCL, or (iv) for any transaction from which the director derived an improper personal benefit. In addition, as permitted in Section 145 of the DGCL, our certificate of incorporation and by-laws provide that we shall indemnify our directors and officers to the fullest extent permitted by the DGCL, including those circumstances in which indemnification would otherwise be discretionary, subject to certain exceptions. Our by-laws also provide that we shall advance

expenses to directors and officers incurred in connection with an action or proceeding as to which they may be entitled to indemnification, subject to certain exceptions.

Each of our indemnification agreements with each of our executive officers and directors provides for indemnification to the maximum extent permitted by applicable law. We also indemnify each of our directors and executive officers with the maximum indemnification allowed to directors and executive officers by the DGCL, subject to certain exceptions, as well as certain additional procedural protections. In addition, we will generally advance expenses incurred by directors and executive officers in any action or proceeding as to which they may be entitled to indemnification, subject to certain exceptions.

The indemnification provisions in our certificate of incorporation and by-laws also permit indemnification for liabilities arising under the Securities Act of 1933. Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons pursuant to the foregoing provisions, or otherwise, we have been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable.

We currently carry director and officer liability insurance in the amount of \$5,000,000.

Item 7. Exemption from Registration Claimed

Not applicable.

Item 8. Exhibits

Exhibit Number	Exhibit
5.1*	Opinion of Morgan, Lewis & Bockius LLP, counsel to Registrant.
23.1*	Consent of Goldstein Golub Kessler LLP.
23.2*	Consent of McGladrey & Pullen, LLP
23.3*	Consent of Morgan, Lewis & Bockius LLP (included in Exhibit 5.1).
24*	Power of Attorney (included on the signature pages of this Registration Statement).
99.1*	2008 Incentive Compensation Plan.

* Filed herewith

Item 9. Undertakings

A. The undersigned Registrant hereby undertakes:

(i) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(a) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(b) To reflect in the prospectus any facts or events arising after the effective date of this Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in this Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(c) To include any material information with respect to the plan of distribution not previously disclosed in this Registration Statement or any material change to such information in this

Registration Statement; *provided, however*, that paragraphs (i) and (ii) of this section do not apply if the Registration Statement is on Form S-8 and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this Registration Statement.

(ii) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(iii) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

B. The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in this Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

C. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

5

Signatures

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of New Brunswick, State of New Jersey, on this 19th day of February, 2009.

SENESCO TECHNOLOGIES, INC.

By: /s/ Bruce C. Galton
Name: Bruce C. Galton
Title: President and Chief Executive Officer

6

Power of Attorney

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Bruce C. Galton and Joel Brooks, jointly and severally, his true and lawful attorneys-in-fact and agents, each with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments to this registration statement, and to file the same, with exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that each of said attorneys-in-fact and agents, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed below by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Bruce C. Galton</u> Bruce C. Galton	President, Chief Executive Officer and Director (Principal Executive Officer)	February 19, 2009
<u>/s/ Joel Brooks</u> Joel Brooks	Chief Financial Officer and Treasurer (Principal Financial and Accounting Officer)	February 19, 2009
<u>/s/ Ruedi Stalder</u> Ruedi Stalder	Chairman of the Board and Director	February 19, 2009
<u>/s/ John E. Thompson</u> John E. Thompson, Ph.D.	Executive Vice President of Research and Development and Director	February 19, 2009
<u>/s/ Christopher Forbes</u> Christopher Forbes	Director	February 19, 2009
<u>/s/ Thomas C. Quick</u> Thomas C. Quick	Director	February 19, 2009
<u>/s/ David Rector</u> David Rector	Director	February 19, 2009
<u>/s/ John N. Braca</u> John N. Braca	Director	February 19, 2009
<u>/s/ Jack Van Hulst</u>	Director	February 19, 2009

EXHIBIT INDEX

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99.1*	2008 Incentive Compensation Plan

* Filed herewith

February 19, 2009

Senesco Technologies, Inc.
303 George Street, Suite 420
New Brunswick, New Jersey 08901

Re: Senesco Technologies, Inc. — Registration Statement on Form S-8

Dear Ladies and Gentlemen:

We have acted as counsel to Senesco Technologies, Inc., a Delaware corporation (the “Company”), in connection with the preparation of a Registration Statement on Form S-8 (the “Registration Statement”) under the Securities Act of 1933, as amended (the “Act”). The Registration Statement relates to the registration of up to 6,137,200 shares of the Company’s common stock, par value \$0.01, issuable under the Company’s 2008 Incentive Compensation Plan (collectively, the “Shares”).

In connection with this opinion letter, we have examined the Registration Statement and originals, or copies certified or otherwise identified to our satisfaction, of the Certificate of Incorporation and Bylaws of the Company and such other documents, records and other instruments as we have deemed appropriate for purposes of the opinion set forth herein.

We have assumed the genuineness of all signatures, the legal capacity of all natural persons, the authenticity of the documents submitted to us as originals, the conformity with the originals of all documents submitted to us as certified, facsimile or photostatic copies and the authenticity of the originals of all document submitted to us as copies.

Based upon the foregoing, we are of the opinion that the Shares have been duly authorized by the Company and, when issued and sold by the Company and delivered by the Company against receipt of the purchase price therefor, in the manner contemplated by the Company’s 2008 Incentive Compensation Plan, as the case may be, will be validly issued, fully paid and non-assessable.

The opinions expressed herein are limited to the Delaware General Corporation Law.

We hereby consent to the use of this opinion as Exhibit 5.1 to the Registration Statement. In giving such consent, we do not hereby admit that we are acting within the category of persons whose consent is required under Section 7 of the Act or the rules or regulations of the Securities and Exchange Commission thereunder.

Very truly yours,

/s/ Morgan, Lewis & Bockius LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors
Senesco Technologies, Inc.

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated September 26, 2007, on the financial statements of Senesco Technologies, Inc. as of June 30, 2007 and for each of two years in the period ended June 30, 2007 and the cumulative amounts for the period from July 1, 1998 (inception) to June 30, 2007, which appear in the June 30, 2008 Annual Report on form 10-K of Senesco Technologies, Inc.

/s/ GOLDSTEIN GOLUB KESSLER LLP

GOLDSTEIN GOLUB KESSLER LLP

New York, New York

February 17, 2009

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in Registration Statement on Form S-8 of Senesco Technologies, Inc of our report dated September 26, 2008, relating to our audit of the consolidated financial statements, which appear in the Annual Report on Form 10-K of Senesco Technologies Inc. for the year ended June 30, 2008

/s/ McGLADREY & PULLEN, LLP

McGLADREY & PULLEN, LLP

New York, New York

February 17, 2009

SENESCO TECHNOLOGIES, INC.

2008 INCENTIVE COMPENSATION PLAN**ARTICLE ONE****GENERAL PROVISIONS****I. PURPOSE OF THE PLAN**

This 2008 Incentive Compensation Plan (the “Plan”) is intended to promote the interests of Senesco Technologies, Inc., a Delaware corporation, by providing eligible persons in the Corporation’s service with the opportunity to participate in one or more cash or equity incentive compensation programs designed to encourage them to continue their service relationship with the Corporation.

The Plan shall serve as the successor to the Corporation’s 1998 Stock Incentive Plan (the “Predecessor Plan”), and no further awards shall be granted under the Predecessor Plan after the Plan Effective Date. All awards outstanding under the Predecessor Plan on the Plan Effective Date shall continue to be governed solely by the terms of the documents evidencing such award, and no provision of the Plan shall be deemed to affect or otherwise modify the rights or obligations of the holders of such transferred awards.

Capitalized terms shall have the meanings assigned to such terms in the attached Appendix.

II. TYPES OF AWARDS

Awards may be made under the Plan in the form of (i) options, (ii) stock appreciation rights, (iii) stock awards, (iv) restricted stock units, (v) cash awards, (vi) performance units, and (vii) dividend equivalent rights.

III. ADMINISTRATION OF THE PLAN

A. The Compensation Committee shall have sole and exclusive authority to administer the Plan with respect to Section 16 Insiders. Administration of the Plan with respect to all other persons eligible to participate in the Plan may, at the Board’s discretion, be vested in the Compensation Committee or a Secondary Board Committee, or the Board may retain the power to administer those programs with respect to such persons.

B. Members of the Compensation Committee or any Secondary Board Committee shall serve for such period of time as the Board may determine and may be removed by the Board at any time. The Board may also at any time terminate the functions of any Secondary Board Committee and reassume all powers and authority previously delegated to such committee.

C. To the extent permitted by and consistent with applicable law, the Board may delegate to one or more executive officers the power to grant awards to employees other than Section 16 Insiders.

D. Each Plan Administrator shall, within the scope of its administrative functions under the Plan, have full power and authority (subject to the provisions of the Plan) to establish such rules and regulations as it may deem appropriate for proper administration of the Plan and to make such determinations under, and issue such interpretations of, the provisions of the Plan and any outstanding Awards thereunder as it may deem necessary or advisable. Decisions of the Plan Administrator within the scope of its administrative functions under the Plan shall be final and binding on all parties who have an interest in the Plan under its jurisdiction or any Award thereunder.

E. Service as a Plan Administrator by the members of the Compensation Committee or the Secondary Board Committee shall constitute service as Board members, and the members of each such committee shall accordingly be entitled to full indemnification and reimbursement as Board members for their service on such committee. No member of the Compensation Committee or the Secondary Board Committee shall be liable for any act or omission made in good faith with respect to the Plan or any Award thereunder.

IV. ELIGIBILITY

A. The persons eligible to participate in the Plan are as follows:

- (i) Employees,
- (ii) non-employee members of the Board or the board of directors of any Parent or Subsidiary, and
- (iii) consultants and other independent advisors who provide services to the Corporation (or any Parent or Subsidiary).

B. The Plan Administrator shall have full authority to determine which eligible persons are to receive Awards under the Plan, the time or times when those Awards are to be made, the number of shares to be covered by each such Award, the time or times when the Award is to become exercisable, the status of an option for federal tax purposes, the maximum term for which an option or stock appreciation right is to remain outstanding, the vesting and issuance schedules applicable to the shares which are the subject of the Award, the cash consideration (if any) payable for those shares and the form (cash or shares of Common Stock) in which the Award is to be settled and, with respect to performance-based Awards, the performance objectives for each such Award, the amounts payable at designated levels of attained performance, any applicable service vesting requirements, and the payout schedule for each such Award.

V. STOCK SUBJECT TO THE PLAN

A. The stock issuable under the Plan shall be shares of authorized but unissued or reacquired Common Stock, including shares repurchased by the Corporation on the open market. The number of shares of Common Stock initially reserved for issuance over the term of the Plan shall be limited to five million one hundred and thirty seven thousand and two hundred (5,137,200) shares. Such reserve shall consist of (i) the number of shares of Common Stock estimated to remain available for issuance, as of the Plan Effective Date, under the Predecessor Plan as last approved by the Corporation's stockholders (excluding shares subject to outstanding awards under the Predecessor Plan), plus (ii) an additional increase of four million (4,000,000) shares. To the extent any options or restricted stock units outstanding under the Predecessor Plan on the Plan Effective Date expire or terminate unexercised or without the issuance of shares thereunder, the number of shares of Common Stock subject to those expired or terminated options and restricted stock units at the time of expiration or termination shall be added to the share reserve under this Plan and shall accordingly be available for issuance hereunder, up to a maximum of an additional one million (1,000,000) shares.

B. Each person participating in the Plan shall be subject the following limitations:

(i) for Awards denominated in shares of Common Stock (whether payable in Common Stock, cash or a combination of both), the maximum number of shares of Common Stock for which such Awards may be made to such person in any calendar year shall not exceed one million (1,000,000) shares of Common Stock in the aggregate, and

(ii) for Awards denominated in dollars (whether payable in cash, Common Stock or a combination of both), the maximum dollar amount for which such Awards may be made in the aggregate to such person shall not exceed one million Dollars (\$1,000,000) per calendar year within the applicable service or performance measurement period.

C. Shares of Common Stock subject to outstanding Awards made under the Plan (including Awards transferred to this Plan from the Predecessor Plan) shall be available for subsequent issuance under the Plan to the extent those Awards expire or terminate for any reason prior to the issuance of the shares of Common Stock subject to those Awards. Unvested shares issued under the Plan and subsequently forfeited or repurchased by the Corporation, at a price per share not greater than the original issue price paid per share, pursuant to the Corporation's repurchase rights under the Plan shall be added back to the number of shares of Common Stock reserved for issuance under the Plan and shall accordingly be available for subsequent reissuance. Should the exercise price of an option under the Plan be paid with shares of Common Stock, then the authorized reserve of Common Stock under the Plan shall be reduced only by the net number of shares issued under the exercised stock option and not by the gross number of shares for which that option is exercised. Upon the exercise of any stock appreciation right under the Plan, the share reserve shall be reduced only by the net number of shares actually issued by the Corporation upon such exercise and not by the gross number of shares as to which such right is exercised. If shares of Common Stock otherwise issuable under the Plan are withheld by the Corporation in satisfaction of the withholding taxes incurred in connection with the exercise, vesting or settlement of an Award, then the number of shares of Common Stock available for

3

issuance under the Plan shall be reduced by the net number of shares issued after such share withholding.

D. Should any change be made to the Common Stock by reason of any stock split, stock dividend, recapitalization, combination of shares, exchange of shares, spin-off transaction or other change affecting the outstanding Common Stock as a class without the Corporation's receipt of consideration, or should the value of outstanding shares of Common Stock be substantially reduced as a result of a spin-off transaction or an extraordinary dividend or distribution, or should there occur any merger, consolidation or other reorganization, then equitable adjustments shall be made by the Plan Administrator to (i) the maximum number and/or class of securities issuable under the Plan, (ii) the maximum number and/or class of securities by which the share reserve under the Plan may increase by reason of the expiration or termination of options or restricted stock units under the Predecessor Plan, (iii) the maximum number and/or class of securities for which any one person may be granted Common Stock-denominated Awards under the Plan per calendar year, (iv) the number and/or class of securities and the exercise or base price per share in effect under each outstanding award under the Plan and the cash consideration (if any) payable per share, and (v) the number and/or class of securities subject to the Corporation's outstanding repurchase rights under the Plan and the repurchase price payable per share. The adjustments shall be made in such manner as the Plan Administrator deems appropriate in order to prevent the dilution or enlargement of benefits under the Plan and the outstanding Awards thereunder, and such adjustments shall be final, binding and conclusive. In the event of a Change in Control, however, the adjustments (if any) shall be made solely in accordance with the applicable provisions of the Plan governing Change in Control transactions.

E. Outstanding Awards granted pursuant to the Plan shall in no way affect the right of the Corporation to adjust, reclassify, reorganize or otherwise change its capital or business structure or to merge, consolidate, dissolve, liquidate or sell or transfer all or any part of its business or assets.

ARTICLE TWO

AWARDS

I. OPTIONS

A. **Authority.** The Plan Administrator shall have full power and authority, exercisable in its sole discretion, to grant Incentive Options and Nonstatutory Options evidenced by one or more Award Agreements in the form approved by the Plan Administrator; provided, however, that each such agreement shall comply with the terms specified below. Each agreement evidencing an Incentive Option shall, in addition, be subject to the provisions of Section H below.

4

B. **Exercise Price.**

(i) The exercise price per share shall be fixed by the Plan Administrator; **provided, however**, that such exercise price shall not be less than one hundred percent (100%) of the Fair Market Value per share of Common Stock on the grant date.

(ii) The exercise price shall become immediately due upon exercise of the option and shall, subject to the provisions of the documents evidencing the option, be payable in one or more of the forms specified below:

- (1) cash or check made payable to the Corporation,
- (2) shares of Common Stock (whether delivered in the form of actual stock certificates or through attestation of ownership) held for the requisite period (if any) necessary to avoid any resulting charge to the Corporation's earnings for financial reporting purposes and valued at Fair Market Value on the Exercise Date, or
- (3) to the extent the option is exercised for vested shares of Common Stock, through a special sale and remittance procedure pursuant to which the Participant shall concurrently provide instructions to (a) a brokerage firm (reasonably satisfactory to the Corporation for purposes of administering such procedure in compliance with the Corporation's pre-clearance/pre-notification policies) to effect the immediate sale of the purchased shares and remit to the Corporation, out of the sale proceeds available on the settlement date, sufficient funds to cover the aggregate exercise price payable for the purchased shares plus all applicable income and employment taxes required to be withheld by the Corporation by reason of such exercise and (b) the Corporation to deliver the certificates for the purchased shares directly to such brokerage firm on such settlement date in order to complete the sale.

Except to the extent such sale and remittance procedure is utilized, payment of the exercise price for the purchased shares must be made on the Exercise Date.

C. **Exercise and Term of Options.** Each option shall be exercisable at such time or times, during such period and for such number of shares as shall be determined by the Plan Administrator and set forth in the Award Agreements evidencing the option. However, no option shall have a term in excess of ten (10) years measured from the option grant date.

D. **Effect of Termination of Service.**

(i) The following provisions shall govern the exercise of any options that are outstanding at the time of the Participant's cessation of Service or death:

(1) Any option outstanding at the time of the Participant's cessation of Service for any reason shall remain exercisable for such period of time thereafter as shall be determined by the Plan Administrator and set forth in the documents evidencing the option, but no such option shall be exercisable after the expiration of the option term.

5

(2) Any option held by the Participant at the time of the Participant's death and exercisable in whole or in part at that time may be subsequently exercised by the personal representative of the Participant's estate or by the person or persons to whom the option is transferred pursuant to the Participant's will or the laws of inheritance or by the Participant's designated beneficiary or beneficiaries of that option.

(3) Should the Participant's Service be terminated for Misconduct or should the Participant otherwise engage in Misconduct while holding one or more outstanding options granted under this Article Two, then all of those options shall terminate immediately and cease to be outstanding.

(4) During the applicable post-Service exercise period, the option may not be exercised for more than the number of vested shares for which the option is at the time exercisable; ***provided, however,*** that one or more options may be structured so that those options continue to vest in whole or part during the applicable post-Service exercise period. Upon the expiration of the applicable exercise period or (if earlier) upon the expiration of the option term, the option shall terminate and cease to be outstanding for any shares for which the option has not been exercised.

(ii) The Plan Administrator shall have complete discretion, exercisable either at the time an option is granted or at any time while the option remains outstanding, to:

(1) extend the period of time for which the option is to remain exercisable following the Participant's cessation of Service from the limited exercise period otherwise in effect for that option to such greater period of time as the Plan Administrator shall deem appropriate, but in no event beyond the expiration of the option term;

(2) include an automatic extension provision whereby the specified post-Service exercise period in effect for any option shall automatically be extended by an additional period of time equal in duration to any interval within the specified post-Service exercise period during which the exercise of that option or the immediate sale of the shares acquired under such option could not be effected in compliance with applicable federal and state securities laws, but in no event shall such an extension result in the continuation of such option beyond the expiration date of the term of that option; and/or

(3) permit the option to be exercised, during the applicable post-Service exercise period, not only with respect to the number of vested shares of Common Stock for which such option is exercisable at the time of the Participant's cessation of Service but also with respect to one or more additional installments in which the Participant would have vested had the Participant continued in Service.

E. **Stockholder Rights.** The holder of an option shall have no stockholder rights with respect to the shares subject to the option until such person shall have exercised the option, paid the exercise price and become a holder of record of the purchased shares.

F. **Repurchase Rights.** The Plan Administrator shall have the discretion to grant options which are exercisable for unvested shares of Common Stock. Should the

6

Participant cease Service while such shares are unvested, the Corporation shall have the right to repurchase any or all of those unvested shares at a price per share equal to the **lower** of (i) the exercise price paid per share or (ii) the Fair Market Value per share of Common Stock at the time of repurchase. The terms upon which such repurchase right shall be exercisable (including the period and procedure for exercise and the appropriate vesting schedule for the purchased shares) shall be established by the Plan Administrator and set forth in the document evidencing such repurchase right.

G. **Transferability of Options.** The transferability of options granted under the Plan shall be governed by the following provisions:

- (i) **Incentive Options.** During the lifetime of the Participant, Incentive Options shall be exercisable only by the Participant and shall not be assignable or transferable other than by will or the laws of inheritance following the Participant's death.
- (ii) **Non-Statutory Options.** Non-Statutory Options shall be subject to the same limitation on transfer as Incentive Options, except that the Plan Administrator may structure one or more Non-Statutory Options so that the option may be assigned in whole or in part during the Participant's lifetime. The assigned portion may only be exercised by the person or persons who acquire a proprietary interest in the option pursuant to the assignment. The terms applicable to the assigned portion shall be the same as those in effect for the option immediately prior to such assignment and shall be set forth in such documents issued to the assignee as the Plan Administrator may deem appropriate.
- (iii) **Beneficiary Designation.** Notwithstanding the foregoing, the Participant may designate one or more persons as the beneficiary or beneficiaries of his or her outstanding options, and those options shall, in accordance with such designation, automatically be transferred to such beneficiary or beneficiaries upon the Participant's death while holding those options. Such beneficiary or beneficiaries shall take the transferred options subject to all the terms and conditions of the applicable agreement evidencing each such transferred option, including (without limitation) the limited time period during which the option may be exercised following the Participant's death.

H. **Incentive Options.** The terms specified below shall be applicable to all Incentive Options.

- (i) **Eligibility.** Incentive Options may only be granted to Employees.
- (ii) **Dollar Limitation.** The aggregate Fair Market Value of the shares of Common Stock (determined as of the respective date or dates of grant) for which one or more options granted to any Employee under the Plan (or any other option plan of the Corporation or any Parent or Subsidiary) may for the first time become exercisable as Incentive Options during any one calendar year shall not exceed the sum of One Hundred Thousand Dollars (\$100,000).

To the extent the Employee holds two (2) or more such options which become exercisable for the first time in the same calendar year, then for purposes of the foregoing limitations on the exercisability of those options as Incentive Options, such options

7

shall be deemed to become first exercisable in that calendar year on the basis of the chronological order in which they were granted, except to the extent otherwise provided under applicable law or regulation.

- (iii) **10% Stockholder.** If any Employee to whom an Incentive Option is granted is a 10% Stockholder, then the exercise price per share shall not be less than one hundred ten percent (110%) of the Fair Market Value per share of Common Stock on the option grant date, and the option term shall not exceed five (5) years measured from the option grant date.

II. STOCK APPRECIATION RIGHTS

A. **Authority.** The Plan Administrator shall have full power and authority, exercisable in its sole discretion, to grant stock appreciation rights evidenced by one or more Award Agreements in the form approved by the Plan Administrator which complies with the terms specified below.

B. **Types.** Two types of stock appreciation rights shall be authorized for issuance under this Section II: (i) tandem stock appreciation rights ("Tandem Rights") and (ii) stand-alone stock appreciation rights ("Stand-alone Rights").

C. **Tandem Rights.** The following terms and conditions shall govern the grant and exercise of Tandem Rights.

- (i) One or more Participants may be granted a Tandem Right, exercisable upon such terms and conditions as the Plan Administrator may establish, to elect between the exercise of the underlying option for shares of Common Stock or the surrender of that option in exchange for a distribution from the Corporation in an amount equal to the excess of (i) the Fair Market Value (on the option surrender date) of the number of shares in which the Participant is at the time vested under the surrendered option (or surrendered portion thereof) over (ii) the aggregate exercise price payable for such vested shares.

- (ii) Any distribution to which the Participant becomes entitled upon the exercise of a Tandem Right may be made in (i) shares of Common Stock valued at Fair Market Value on the option surrender date, (ii) cash or (iii) a combination of cash and shares of Common Stock, as specified in the applicable Award agreement.

D. **Stand-Alone Rights.** The following terms and conditions shall govern the grant and exercise of Stand-alone Rights:

- (i) One or more Participants may be granted a Stand-alone Right not tied to any underlying option. The Stand-alone Right shall relate to a specified number of shares of Common Stock and shall be exercisable upon such terms and conditions as the Plan Administrator may establish. In no event, however, may the Stand-alone Right have a maximum term in excess of ten (10) years measured from the grant date.

- (ii) Upon exercise of the Stand-alone Right, the holder shall be entitled to receive a distribution from the Corporation in an amount equal to the excess of (i) the

aggregate Fair Market Value (on the exercise date) of the shares of Common Stock underlying the exercised right over (ii) the aggregate base price in effect for those shares.

(iii) The number of shares of Common Stock underlying each Stand-alone Right and the base price in effect for those shares shall be determined by the Plan Administrator in its sole discretion at the time the Stand-alone Right is granted. In no event, however, may the base price per share be less than the Fair Market Value per underlying share of Common Stock on the grant date.

(iv) Stand-alone Rights shall be subject to the same transferability restrictions applicable to Non-Statutory Options and may not be transferred during the holder's lifetime, except to the extent otherwise provided in the applicable Award Agreement. In addition, one or more beneficiaries may be designated for an outstanding Stand-alone Right in accordance with substantially the same terms and provisions as set forth in Section I.F of this Article Two.

(v) The distribution with respect to an exercised Stand-alone Right may be made in (i) shares of Common Stock valued at Fair Market Value on the exercise date, (ii) cash or (iii) a combination of cash and shares of Common Stock, as specified in the applicable Award agreement.

(vi) The holder of a Stand-alone Right shall have no stockholder rights with respect to the shares subject to the Stand-alone Right unless and until such person shall have exercised the Stand-alone Right and become a holder of record of the shares of Common Stock issued upon the exercise of such Stand-alone Right.

E. **Post-Service Exercise.** The provisions governing the exercise of Tandem and Stand-alone Rights following the cessation of the Participant's Service shall be substantially the same as those set forth in Section I.C. of this Article Two for the options granted under the Plan, and the Plan Administrator's discretionary authority under Section I.C.(ii) of this Article Two shall also extend to any outstanding Tandem or Stand-alone Appreciation Rights.

III. STOCK AWARDS

A. **Authority.** The Plan Administrator shall have full power and authority, exercisable in its sole discretion, to grant stock awards either as vested or unvested shares of Common Stock, through direct and immediate issuances. Each stock award shall be evidenced by one or more Award Agreements in the form approved by the Plan Administrator; provided, however, that each such agreement shall comply with the terms specified below.

B. **Issue Price/Consideration.**

(i) Shares of Common Stock may be issued under a stock award for a price per share fixed by the Plan Administrator at the time of the Award, but in no event shall such issue price be less than one hundred percent (100%) of the Fair Market Value per share of Common Stock on the Award date.

(ii) Shares of Common Stock may be issued under a stock award for any of the following items of consideration which the Plan Administrator may deem appropriate in each individual instance:

- (1) cash;
- (2) past services rendered or to be rendered the Corporation (or any Parent or Subsidiary); or
- (3) any other valid consideration under the State in which the Corporation is at the time incorporated.

C. **Vesting Provisions.**

(i) Stock awards may, in the discretion of the Plan Administrator, be fully and immediately vested upon issuance as a bonus for Service rendered or may vest in one or more installments over the Participant's period of Service and/or upon the attainment of specified performance objectives. The elements of the vesting schedule applicable to any stock award shall be determined by the Plan Administrator and incorporated into the Award Agreement.

(ii) The Plan Administrator shall also have the discretionary authority, consistent with Code Section 162(m), to structure one or more stock awards so that the shares of Common Stock subject to those Awards shall vest upon the achievement of pre-established performance objectives based on one or more Performance Goals and measured over the performance period specified by the Plan Administrator at the time of the grant of the Award.

(iii) Should the Participant cease to remain in Service while holding one or more unvested shares of Common Stock issued under a stock award or should the performance objectives not be attained with respect to one or more such unvested shares of Common Stock, then those shares shall be immediately surrendered to the Corporation for cancellation, and the Participant shall have no further stockholder rights with respect to those shares. To the extent the surrendered shares were previously issued to the Participant for consideration paid in cash or cash equivalent, the Corporation shall repay to the Participant the **lower** of (i) the cash consideration paid for the surrendered shares or (ii) the Fair Market Value of those shares at the time of cancellation.

(iv) The Plan Administrator may in its discretion waive the surrender and cancellation of one or more unvested shares of Common Stock which would otherwise occur upon the cessation of the Participant's Service or the non-attainment of the performance objectives applicable to those shares. Any such waiver shall result in the immediate vesting of the Participant's interest in the shares of Common Stock as to which the waiver applies. Such waiver may be effected at any time, whether before or after the Participant's cessation of Service or the attainment or non-attainment of the applicable performance objectives. However, no vesting requirements tied to the attainment of performance objectives may be waived with respect to shares which were

Termination with respect to Awards made prior to January 1, 2009 or as otherwise provided in Section VIII of this Article Two.

(v) Any new, substituted or additional securities or other property (including money paid other than as a regular cash dividend) which the Participant may have the right to receive with respect to the Participant's unvested shares of Common Stock by reason of any stock dividend, stock split, recapitalization, combination of shares, exchange of shares, spin-off transaction, extraordinary dividend or distribution or other change affecting the outstanding Common Stock as a class without the Corporation's receipt of consideration shall be issued subject to (i) the same vesting requirements applicable to the Participant's unvested shares of Common Stock and (ii) such escrow arrangements as the Plan Administrator shall deem appropriate, unless and to the extent the Plan Administrator determines at the time to vest and distribute such securities or other property. Equitable adjustments to reflect each such transaction shall also be made by the Plan Administrator to the repurchase price payable per share by the Corporation for any unvested securities subject to its existing repurchase rights under the Plan; provided the aggregate repurchase price shall in each instance remain the same.

D. **Stockholder Rights.** The Participant shall have full stockholder rights with respect to any shares of Common Stock issued to the Participant under a stock award, whether or not the Participant's interest in those shares is vested. Accordingly, the Participant shall have the right to vote such shares and to receive any dividends paid on such shares, subject to any applicable vesting requirements.

IV. RESTRICTED STOCK UNITS

A. **Authority.** The Plan Administrator shall have the full power and authority, exercisable in its sole discretion, to grant restricted stock units which entitle the Participants to receive the shares underlying those Awards upon vesting or upon the expiration of a designated time period following the vesting of those Awards. Each award of restricted stock units shall be evidenced by one or more Award Agreements in the form approved by the Plan Administrator; provided, however, that each such agreement shall comply with the terms specified below.

B. **Vesting Provisions.**

(i) Restricted stock units may, in the discretion of the Plan Administrator, vest in one or more installments over the Participant's period of Service or upon the attainment of specified performance objectives.

(ii) The Plan Administrator shall also have the discretionary authority, consistent with Code Section 162(m), to structure one or more restricted stock unit awards so that the shares of Common Stock subject to those Awards shall vest (or vest and become issuable) upon the achievement of pre-established performance objectives based on one or more Performance Goals and measured over the performance period specified by the Plan Administrator at the time of the grant of the Award.

(iii) Outstanding restricted stock units shall automatically terminate, and no shares of Common Stock shall actually be issued in satisfaction of those Awards, if the performance goals or Service requirements established for those Awards are not attained or satisfied. The Plan Administrator, however, shall have the discretionary authority to issue vested shares of Common Stock under one or more outstanding Awards of restricted stock units as to which the designated performance goals or Service requirements have not been attained or satisfied. However, no vesting requirements tied to the attainment of performance goals may be waived with respect to Awards which were intended, at the time those Awards were granted, to qualify as performance-based compensation under Code Section 162(m), except in the event of the Participant's Involuntary Termination with respect to Awards made prior to January 1, 2009 or as otherwise provided in Section VIII of this Article Two.

C. **Stockholder Rights.** The Participant shall not have any stockholder rights with respect to the shares of Common Stock subject to a restricted stock unit award until that award vests and the shares of Common Stock are actually issued thereunder. However, dividend-equivalent units may be paid or credited, either in cash or in actual or phantom shares of Common Stock, on outstanding restricted stock unit awards, subject to such terms and conditions as the Plan Administrator may deem appropriate.

V. CASH AWARDS

A. **Authority.** The Plan Administrator shall have the full power and authority, exercisable in its sole discretion, to make cash incentive awards which are to vest in one or more installments over the Participant's continued Service with the Corporation or upon the attainment of specified performance goals. Each such cash award shall be evidenced by one or more Award Agreements in the form approved by the Plan Administrator; ***provided however,*** that each such agreement shall comply with the terms specified below.

B. **Vesting Provisions.**

(i) The elements of the vesting schedule applicable to each cash award shall be determined by the Plan Administrator and incorporated into the Award Agreement.

(ii) The Plan Administrator shall also have the discretionary authority, consistent with Code Section 162(m), to structure one or more cash awards so that those Awards shall vest upon the achievement of pre-established corporate performance objectives based upon one or more Performance Goals and measured over the performance period specified by the Plan Administrator at the time of grant of the Award.

(iii) Outstanding cash awards shall automatically terminate, and no cash payment or other consideration shall be due the holders of those Awards, if the performance goals or Service requirements established for the Awards are not attained or satisfied. The Plan Administrator may, however, in its discretion waive the termination of one or more unvested cash awards which would otherwise occur upon the cessation of the

Participant's Service or the non-attainment of the performance objectives applicable to those Awards. Any such waiver shall result in the immediate vesting of the Participant's interest in the cash award as to which the waiver applies. Such waiver may be effected at any time, whether before or after the

Participant's cessation of Service or the attainment or non-attainment of the applicable performance objectives. However, no vesting requirements tied to the attainment of performance goals may be waived with respect to awards which were intended, at the time those awards were granted, to qualify as performance-based compensation under Code Section 162(m), except in the event of the Participant's Involuntary Termination with respect to Awards made prior to January 1, 2009 or as otherwise provided in Section VIII of this Article Two.

C. **Payment.** Cash awards which become due and payable following the attainment of the applicable performance goals or satisfaction of the applicable Service requirement (or the waiver of such goals or Service requirement) may be paid in (i) cash, (ii) shares of Common Stock valued at Fair Market Value on the payment date or (iii) a combination of cash and shares of Common Stock as the Plan Administrator shall determine.

VI. PERFORMANCE UNIT AWARDS

A. **Authority.** The Plan Administrator shall have full power and authority, exercisable in its sole discretion, to grant performance unit awards in accordance with the terms of this Section VI. Each performance unit award shall be evidenced by one or more Award Agreements in the form approved by the Plan Administrator; **provided however**, that each such agreement shall comply with the terms specified below.

B. **Bonus Pool.** A performance unit shall represent a participating interest in a special bonus pool tied to the attainment of pre-established performance objectives based on one or more Performance Goals. The amount of the bonus pool may vary with the level at which the applicable performance objectives are attained, and the value of each Performance Unit which becomes due and payable upon the attained level of performance shall be determined by dividing the amount of the resulting bonus pool (if any) by the total number of Performance Units issued and outstanding at the completion of the applicable performance period.

C. **Service Requirement.** Performance units may also be structured to include a Service requirement which the Participant must satisfy following the completion of the performance period in order to vest in the performance units awarded with respect to that performance period.

D. **Payment.** Performance units which become due and payable following the attainment of the applicable performance objectives and the satisfaction of any applicable Service requirement may be paid in (i) cash, (ii) shares of Common Stock valued at Fair Market Value on the payment date or (iii) a combination of cash and shares of Common Stock, as determined by the Plan Administrator in its sole discretion and set forth in the Award Agreement.

VII. DIVIDEND EQUIVALENT RIGHTS

A. **Authority.** The Plan Administrator shall have the discretionary authority to grant dividend equivalent rights in accordance with the terms of this Section VII. Each such Award shall be evidenced by one or more Award Agreements in the form approved by the Plan

Administrator; provided however, that each such agreement shall comply with the terms specified below.

B. **Terms.** The dividend equivalent rights may be granted as stand-alone awards or in tandem with other Awards made under the Plan. The term of each dividend equivalent right award shall be established by the Plan Administrator at the time of grant, but no such Award shall have a term in excess of ten (10) years.

C. **Entitlement.** Each dividend equivalent right shall represent the right to receive the economic equivalent of each dividend or distribution, whether in cash, securities or other property (other than shares of Common Stock), which is made per issued and outstanding share of Common Stock during the term the dividend equivalent right remains outstanding. A special account on the books of the Corporation shall be maintained for each Participant to whom a dividend equivalent right is granted, and that account shall be credited per dividend equivalent right with each such dividend or distribution made per issued and outstanding share of Common Stock during the term of that dividend equivalent right remains outstanding.

D. **Timing of Payment.** Payment of the amounts credited to such book account may be made to the Participant either concurrently with the actual dividend or distribution made per issued and outstanding share of Common Stock or may be deferred for a period specified by the Plan Administrator at the time the dividend equivalent right is initially granted or (to the extent permitted by the Plan Administrator) designated by the Participant pursuant to a timely deferral election made in accordance with the requirements of Code Section 409A.

E. **Form of Payment.** Payment of the amounts due with respect to dividend equivalent rights may be made in (i) cash, (ii) shares of Common Stock or (iii) a combination of cash and shares of Common Stock, as determined by the Plan Administrator in its sole discretion and set forth in the Award Agreement. If payment is to be made in the form of Common Stock, the number of shares of Common Stock into which the cash dividend or distribution amounts are to be converted for purposes of the Participant's book account may be based on the Fair Market Value per share of Common Stock on the date of conversion, a prior date or an average of the Fair Market Value per share of Common Stock over a designated period, as determined by the Plan Administrator in its sole discretion.

VIII. EFFECT OF CHANGE IN CONTROL

A. In the event of an actual Change in Control transaction, each option, stock appreciation right and restricted stock unit award outstanding at that time under the Plan but not otherwise fully vested shall automatically accelerate, immediately prior to the effective date of that Change in Control, as to all the shares of Common Stock at the time subject to such Award, unless (i) such Award is to be assumed or substituted with an equivalent award by the successor corporation (or parent thereof) or is otherwise to continue in full force and effect pursuant to the terms of the Change in Control

transaction or (ii) such Award is replaced with a cash retention program of the successor corporation that preserves the spread existing at the time of the Change

in Control on the shares of Common Stock as to which the Award is not otherwise at that time vested and exercisable and provides for the subsequent vesting and payout of that spread in accordance with the same exercise/vesting schedule applicable to those shares, or (iii) the acceleration of such Award is subject to other limitations imposed by the Plan Administrator.

B. All outstanding repurchase rights shall automatically terminate, and the shares of Common Stock subject to those terminated rights shall vest in full, immediately prior to the effective date of an actual Change in Control transaction, except to the extent (i) those repurchase rights are to be assigned to the successor corporation (or parent thereof) or are otherwise to continue in full force and effect pursuant to the terms of the Change in Control transaction or (ii) such accelerated vesting is precluded by other limitations imposed by the Plan Administrator.

C. Immediately following the consummation of the Change in Control, all outstanding options, stock appreciation rights and restricted stock unit awards shall terminate and cease to be outstanding, except to the extent assumed by the successor corporation (or parent thereof) or otherwise continued in full force and effect pursuant to the terms of the Change in Control transaction.

D. Each Award denominated in shares of Common Stock which is assumed in connection with a Change in Control or otherwise continued in effect shall be appropriately adjusted, immediately after such Change in Control, to apply to the number and class of securities into which the shares of Common Stock subject to that Award would have been converted in consummation of such Change in Control had those shares actually been outstanding at that time. Appropriate adjustments to reflect such Change in Control shall also be made to (i) the exercise or base price or cash consideration payable per share in effect under each outstanding Award, provided the aggregate exercise or base price or cash consideration in effect for such securities shall remain the same, (ii) the maximum number and/or class of securities available for issuance over the remaining term of the Plan, (iii) the maximum number and/or class of securities for which any one person may be granted Common Stock-denominated Awards under the Plan per calendar year and (iv) the number and/or class of securities subject to the Corporation's outstanding repurchase rights under the Plan and the repurchase price payable per share. To the extent the actual holders of the Corporation's outstanding Common Stock receive cash consideration for their Common Stock in consummation of the Change in Control, the successor corporation may, in connection with the assumption or continuation of the outstanding Awards under the Plan and subject to the Plan Administrator's approval, substitute, for the securities underlying those assumed Awards, one or more shares of its own common stock with a fair market value equivalent to the cash consideration paid per share of Common Stock in such Change in Control transaction, provided such common stock is readily traded on an established U.S. securities exchange or market.

E. The Plan Administrator shall have the discretionary authority to structure one or more outstanding Awards so that those Awards shall, immediately prior to the effective date of an actual Change in Control transaction, vest as to all the shares of Common Stock at the time subject to those Awards, whether or not those Awards are to be assumed in the Change in Control transaction or otherwise continued in effect. In addition, the Plan Administrator shall

have the discretionary authority to structure one or more of the Corporation's repurchase rights so that those rights shall terminate immediately prior to the effective date of an actual Change in Control transaction, and the shares subject to those terminated rights shall thereupon vest in full.

F. The Plan Administrator shall have full power and authority to structure one or more outstanding Awards so that those Awards shall vest as to all the shares of Common Stock at the time subject to those Awards in the event the Participant's Service is subsequently terminated by reason of an Involuntary Termination within a designated period following the effective date of any Change in Control transaction in which those Awards do not otherwise vest on an accelerated basis. In addition, the Plan Administrator may structure one or more of the Corporation's repurchase rights so that those rights shall immediately terminate with respect to any shares held by the Participant at the time of such Involuntary Termination, and the shares subject to those terminated repurchase rights shall accordingly vest in full at that time.

G. The portion of any Incentive Option accelerated in connection with a Change in Control shall remain exercisable as an Incentive Option only to the extent the applicable One Hundred Thousand Dollar (\$100,000) limitation is not exceeded. To the extent such dollar limitation is exceeded, the accelerated portion of such option shall be exercisable as a Non-statutory Option under the Federal tax laws.

H. The Plan Administrator shall have the discretionary authority to structure one or more cash, performance unit and dividend equivalent right awards so that such Awards shall automatically vest in whole or in part immediately prior to the effective date of an actual Change in Control transaction or upon the subsequent termination of the Participant's Service by reason of an Involuntary Termination within a designated period following the effective date of such Change in Control.

I. The Plan Administrator's authority under Paragraphs E, F and H of this Section VIII shall also extend to any Awards intended to qualify as performance-based compensation under Code Section 162(m), even though the automatic vesting of those Awards pursuant to Paragraphs E, F and H of this Section VIII may result in their loss of performance-based status under Code Section 162(m).

ARTICLE THREE

MISCELLANEOUS

I. DEFERRED COMPENSATION

A. The Plan Administrator may, in its sole discretion, structure one or more Awards (other than options and stock appreciation rights) so that the Participants may be provided with an election to defer the compensation associated with those Awards for federal income tax purposes. Any such deferral opportunity shall comply with all applicable requirements of Code Section 409A.

B. To the extent the Corporation maintains one or more separate non-qualified deferred compensation arrangements which allow the participants the opportunity to

make notional investments of their deferred account balances in shares of Common Stock, the Plan Administrator may authorize the share reserve under the Plan to serve as the source of any shares of Common Stock that become payable under those deferred compensation arrangements. In such event, the share reserve under the Plan shall be reduced on a share-for-one share basis for each share of Common Stock issued under the Plan in settlement of the deferred compensation owed under those separate arrangements.

II. TAX WITHHOLDING

A. The Corporation's obligation to deliver shares of Common Stock upon the exercise, issuance or vesting of an Award under the Plan shall be subject to the satisfaction of all applicable income and employment tax withholding requirements.

B. The Plan Administrator may, in its discretion, provide Participants to whom Awards are made under the Plan with the right to use shares of Common Stock in satisfaction of all or part of the Withholding Taxes to which such holders may become subject in connection with the exercise, issuance or vesting of those Awards or the issuance of shares of Common Stock thereunder. Such right may be provided to any such holder in either or both of the following formats:

(i) Stock Withholding: The election to have the Corporation withhold, from the shares of Common Stock otherwise issuable upon the issuance, exercise or vesting of such Award or the issuance of shares of Common Stock thereunder, a portion of those shares with an aggregate Fair Market Value equal to the percentage of the Withholding Taxes (not to exceed one hundred percent (100%)) designated by such individual. The shares of Common Stock so withheld shall not reduce the number of shares of Common Stock authorized for issuance under the Plan.

(ii) Stock Delivery: The election to deliver to the Corporation, at the time of the issuance, exercise or vesting of such Award or the issuance of shares of Common Stock thereunder, one or more shares of Common Stock previously acquired by such individual (other than in connection with the exercise, share issuance or share vesting triggering the Withholding Taxes) with an aggregate Fair Market Value equal to the percentage of the Withholding Taxes (not to exceed one hundred percent (100%)) designated by the individual. The shares of Common Stock so delivered shall neither reduce the number of shares of Common Stock authorized for issuance under the Plan nor be added to the number of shares of Common Stock authorized for issuance under the Plan.

III. SHARE ESCROW/LEGENDS

Unvested shares may, in the Plan Administrator's discretion, be held in escrow by the Corporation until the Participant's interest in such shares vests or may be issued directly to the Participant with restrictive legends on the certificates evidencing those unvested shares.

IV. EFFECTIVE DATE AND TERM OF THE PLAN

A. The Plan shall become effective on the Plan Effective Date.

B. The Plan shall terminate upon the ***earliest*** to occur of (i) September 21, 2018, (ii) the date on which all shares available for issuance under the Plan shall have been issued as fully vested shares or (iii) the termination of all outstanding Awards in connection with a Change in Control. Should the Plan terminate on September 21, 2018, then all Awards outstanding at that time shall continue to have force and effect in accordance with the provisions of the documents evidencing those Awards.

V. AMENDMENT OF THE PLAN

A. The Board shall have complete and exclusive power and authority to amend or modify the Plan in any or all respects, subject to stockholder approval to the extent required under applicable law or regulation or pursuant to the listing standards of the Stock Exchange on which the Common Stock is at the time primarily traded. However, no such amendment or modification shall adversely affect the rights and obligations with respect to Awards at the time outstanding under the Plan unless the Participant consents to such amendment or modification.

B. The Compensation Committee shall have the discretionary authority to adopt and implement from time to time such addenda or subplans to the Plan as it may deem necessary in order to bring the Plan into compliance with applicable laws and regulations of any foreign jurisdictions in which Awards are to be made under the Plan and/or to obtain favorable tax treatment in those foreign jurisdictions for the individuals to whom the Awards are made.

C. Awards may be made under the Plan that involve shares of Common Stock in excess of the number of shares then available for issuance under the Plan, provided no shares shall actually be issued pursuant to those Awards until the number of shares of Common Stock available for issuance under the Plan is sufficiently increased by stockholder approval of an amendment of the Plan authorizing such increase. If such stockholder approval is not obtained within twelve (12) months after the date the first excess Award is made, then all Awards granted on the basis of such excess shares shall terminate and cease to be outstanding.

VI. USE OF PROCEEDS

Any cash proceeds received by the Corporation from the sale of shares of Common Stock under the Plan shall be used for general corporate purposes.

VII. REGULATORY APPROVALS

A. The implementation of the Plan, the granting of any Award under the Plan and the issuance of any shares of Common Stock in connection with the issuance, exercise or vesting of any Award under the Plan shall be subject to the Corporation's procurement of all approvals and permits required by regulatory authorities having jurisdiction over the Plan, the Awards made under the Plan and the shares of Common Stock issuable pursuant to those Awards.

B. No shares of Common Stock or other assets shall be issued or delivered under the Plan unless and until there shall have been compliance with all applicable requirements

18

of applicable securities laws, including the filing and effectiveness of the Form S-8 registration statement for the shares of Common Stock issuable under the Plan, and all applicable listing requirements of any Stock Exchange on which Common Stock is then listed for trading.

VIII. NO EMPLOYMENT/SERVICE RIGHTS

Nothing in the Plan shall confer upon the Participant any right to continue in Service for any period of specific duration or interfere with or otherwise restrict in any way the rights of the Corporation (or any Parent or Subsidiary employing or retaining such person) or of the Participant, which rights are hereby expressly reserved by each, to terminate such person's Service at any time for any reason, with or without cause.

19

APPENDIX

The following definitions shall be in effect under the Plan:

A. **Award** shall mean any of the following awards authorized for issuance or grant under the Plan: options, stock appreciation rights, stock awards, restricted stock units, performance units, dividend equivalent rights and cash incentive awards.

B. **Award Agreement** shall mean the written agreement(s) between the Corporation and the Participant evidencing a particular Award made to that individual under the Plan, as such agreement(s) may be in effect from time to time.

C. **Board** shall mean the Corporation's Board of Directors.

D. **Change in Control** shall, with respect to each Award made under the Plan, be defined in accordance with the following provisions:

(i) Change in Control shall have the meaning assigned to such term in the Award Agreement for the particular Award or in any other agreement incorporated by reference into the Award Agreement for purposes of defining such term.

(ii) In the absence of any other Change in Control definition in the Award Agreement (or in any other agreement incorporated by reference into the Award Agreement), Change in Control shall mean a change in ownership or control of the Corporation effected through any of the following transactions:

a. a merger, consolidation or other reorganization approved by the Corporation's stockholders, unless securities representing more than fifty percent (50%) of the total combined voting power of the voting securities of the successor corporation are immediately thereafter beneficially owned, directly or indirectly and in substantially the same proportion, by the persons who beneficially owned the Corporation's outstanding voting securities immediately prior to such transaction,

b. a sale, transfer or other disposition of all or substantially all of the Corporation's assets, or

c. the closing of any transaction or series of related transactions pursuant to which any person or any group of persons comprising a "group" within the meaning of Rule 13d-5(b)(1) of the 1934 Act (other than the Corporation or a person that, prior to such transaction or series of related transactions, directly or indirectly controls, is controlled by or is under common control with, the Corporation) becomes directly or indirectly (whether as a result of a single acquisition or by reason of one or more acquisitions within the twelve (12)-month period ending with the most recent acquisition) the beneficial owner (within the meaning of Rule 13d-3 of the 1934 Act) of securities possessing (or convertible into or exercisable for securities possessing) fifty percent (50%) or more of the total combined voting power of the Corporation's securities (as measured in terms of the power to vote with respect to

A-1

the election of Board members) outstanding immediately after the consummation of such transaction or series of related transactions, whether such transaction involves a direct issuance from the Corporation or the acquisition of outstanding securities held by one or more of the Corporation's existing stockholders.

d. a change in the composition of the Board over a period of twelve (12) consecutive months or less such that a majority of the Board members ceases, by reason of one or more contested elections for Board membership, to be comprised of individuals who either (A) have been Board members continuously since the beginning of such period or (B) have been elected or nominated for election as Board members during such period by at least a majority of the Board members described in clause (A) who were still in office at the time the Board approved such election or nomination.

E. **Code** shall mean the Internal Revenue Code of 1986, as amended.

F. **Common Stock** shall mean the Corporation's Common Stock.

G. **Compensation Committee** shall mean the Compensation Committee of the Board comprised of two (2) or more non-employee Board members.

H. **Corporation** shall mean Senesco Technologies, Inc., a Delaware corporation, and any corporate successor to all or substantially all of the assets or voting stock of Senesco Technologies, Inc. which has by appropriate action assumed the Plan.

I. **Employee** shall mean an individual who is in the employ of the Corporation (or any Parent or Subsidiary, whether now existing or subsequently established), subject to the control and direction of the employer entity as to both the work to be performed and the manner and method of performance.

J. **Exercise Date** shall mean the date on which the Corporation shall have received written notice of the option exercise.

K. **Fair Market Value** per share of Common Stock on any relevant date shall be the closing selling price per share of Common Stock at the close of regular hours trading (i.e., before after-hours trading begins) on date on question on the Stock Exchange serving as the primary market for the Common Stock, as such price is reported by the National Association of Securities Dealers (if primarily traded on the Nasdaq Global or Global Select Market) or as officially quoted in the composite tape of transactions on any other Stock Exchange on which the Common Stock is then primarily traded. If there is no closing selling price for the Common Stock on the date in question, then the Fair Market Value shall be the closing selling price on the last preceding date for which such quotation exists.

A-2

L. **Good Reason** shall, with respect to each Award made under the Plan, be defined in accordance with the following provisions:

(i) Good Reason shall have the meaning assigned to such term in the Award Agreement for the particular Award or in any other agreement incorporated by reference into the Award Agreement for purposes of defining such term.

(ii) In the absence of any other Good Reason definition in the Award Agreement (or in any other agreement incorporated by reference into the Award Agreement), Good Reason shall mean an individual's voluntary resignation following (A) a change in his or her position with the Corporation (or any Parent or Subsidiary) which materially reduces his or her duties, responsibilities or authority, (B) a material diminution in the duties, responsibilities or authority of the person to whom such individual reports, (C) a material reduction in such individual's level of base compensation, with a reduction of more than fifteen percent (15%) to be deemed material for such purpose, or (D) a material relocation of such individual's place of employment, with a relocation of more than fifty (50) miles to be deemed material for such purpose, ***provided, however,*** that a resignation for Good Reason may be effected only after (i) the individual provides written notice to the Corporation of the event or transaction constituting grounds for such resignation within sixty (60) days after the occurrence of that event or transaction and (ii) the Corporation fails to take the requisite remedial action with respect to such event or transaction within thirty (30) days after receipt of such notice.

M. **Incentive Option** shall mean an option which satisfies the requirements of Code Section 422.

N. **Involuntary Termination** shall, with respect to each Award made under the Plan, be defined in accordance with the following provisions:

(i) Involuntary Termination shall have the meaning assigned to such term in the Award Agreement for the particular Award or in any other agreement incorporated by reference into the Award Agreement for purposes of defining such term.

(ii) In the absence of any other Involuntary Termination definition in the Award Agreement (or in any other agreement incorporated by reference into the Award Agreement), Involuntary Termination shall mean such individual's involuntary dismissal or discharge by the Corporation (or any Parent or Subsidiary) for reasons other than Misconduct, or such individual's voluntary resignation for Good Reason.

O. **Misconduct** shall, with respect to each Award made under the Plan, be defined in accordance with the following provisions:

(i) Misconduct shall have the meaning assigned to such term in the Award Agreement for the particular Award or in any other agreement incorporated by reference into the Award Agreement for purposes of defining such term.

A-3

(ii) In the absence of any other Misconduct definition in the Award Agreement for a particular Award (or in any other agreement incorporated by reference into the Award Agreement), Misconduct shall mean the commission of any act of fraud, embezzlement or dishonesty by the Participant, any unauthorized use or disclosure by such person of confidential information or trade secrets of the Corporation (or any Parent or Subsidiary), or any other intentional misconduct by such person adversely affecting the business or affairs of the Corporation (or any Parent or Subsidiary) in a material manner. The foregoing definition shall not in any way preclude or restrict the right of the Corporation (or any Parent or Subsidiary) to discharge or dismiss any Participant or other person in the Service of the Corporation (or any Parent or Subsidiary) for any other acts or omissions, but such other acts or omissions shall not be deemed, for purposes of the Plan, to constitute grounds for termination for Misconduct.

P. **1934 Act** shall mean the Securities Exchange Act of 1934, as amended.

Q. **Non-Statutory Option** shall mean an option not intended to satisfy the requirements of Code Section 422.

R. **Parent** shall mean any corporation (other than the Corporation) in an unbroken chain of corporations ending with the Corporation, provided each corporation in the unbroken chain (other than the Corporation) owns, at the time of the determination, stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

S. **Participant** shall mean any person who is granted an Award under the Plan.

T. **Performance Goals** shall mean any of the following performance criteria upon which the vesting of one or more Awards under the Plan may be based: (i) pre-tax or after-tax earnings, profit or net income, (ii) revenue or revenue growth, (iii) earnings per share, (iv) return on assets, capital or stockholder equity, (v) total stockholder return, (vi) gross or net profit margin, (vii) cash flow, (viii) earnings or operating income before interest, taxes, depreciation, amortization and/or charges for stock-based compensation, (ix) market share, (x) increases in customer base, (xi) operating income, net operating income or net operating income after recorded tax expense; (xii) operating profit, net operating profit or net operating profit after recorded tax expense, (xiii) operating margin, (xiv) cost reductions or other expense control objectives, (xv) market price of the Common Stock, whether measured in absolute terms or in relationship to earnings or operating income, (xvi) budget objectives and research and development milestones, (xvii) working capital, (xviii) mergers, acquisitions or divestitures or (xix) measures of customer satisfaction. Each performance criteria may be based upon the attainment of specified levels of the Corporation's performance under one or more of the measures described above relative to the performance of other entities and may also be based on the performance of any of the Corporation's business units or divisions or any Parent or Subsidiary. Each applicable Performance Goal may include a minimum threshold level of performance below which no Award will be earned, levels of performance at which specified portions of an Award will be earned and a maximum level of performance at which an Award

A-4

will be fully earned. Each applicable Performance Goal may be structured at the time of the Award to provide for appropriate adjustment for one or more of the following items: (A) asset impairments or write-downs; (B) litigation judgments or claim settlements; (C) the effect of changes in tax law, accounting principles or other such laws or provisions affecting reported results; (D) accruals for reorganization and restructuring programs; (E) any extraordinary nonrecurring items as described in Accounting Principles Board Opinion No. 30 and/or in management's discussion and analysis of financial condition and results of operations appearing in the Corporation's annual report to shareholders for the applicable year; (F) the operations of any business acquired by the Corporation or any Parent or Subsidiary or of any joint venture in which the Corporation or any Parent or Subsidiary participates; (G) the divestiture of one or more business operations or the assets thereof; or (H) the costs incurred in connection with such acquisitions or divestitures.

U. **Permanent Disability or Permanently Disabled** shall, with respect to each Award made under the Plan, be defined in accordance with the following provisions:

(i) Permanent Disability or Permanently Disabled shall have the meaning assigned to such term in the Award Agreement for the particular Award or in any other agreement incorporated by reference into the Award Agreement for purposes of defining such term.

(ii) In the absence of any other definition of Permanent Disability or Permanently Disabled in the Award Agreement for a particular Award (or in any other agreement incorporated by reference into the Award Agreement), Permanent Disability or Permanently Disabled shall mean the inability of the Participant to engage in any substantial gainful activity by reason of any medically determinable physical or mental impairment expected to result in death or to be of continuous duration of twelve (12) months or more.

V. **Plan** shall mean the Corporation's 2008 Incentive Compensation Plan, as set forth in this document.

W. **Plan Administrator** shall mean the particular entity or individual, whether the Compensation Committee (or subcommittee thereof), the Board, the Secondary Board Committee or executive officer authorized to administer the Plan with respect to one or more classes of eligible persons, to the extent such entity or individual is carrying out its administrative functions under the Plan with respect to the persons under the jurisdiction of such entity or individual.

X. **Plan Effective Date** shall mean the date upon which the Plan shall be approved by the Corporation's stockholders.

Y. **Predecessor Plan** shall mean the Corporation's 1998 Stock Incentive Plan in effect immediately prior to the Plan Effective Date hereunder.

A-5

Z. **Secondary Board Committee** shall mean a committee of one or more Board members appointed by the Board to administer the Plan with respect to eligible persons other than Section 16 Insiders.

AA. **Section 16 Insider** shall mean an officer or director of the Corporation subject to the short-swing profit liabilities of Section 16 of the 1934 Act.

BB. **Service** shall, with respect to each Award made under the Plan, be defined in accordance with the following provisions:

(i) Service shall have the meaning assigned to such term in the Award Agreement for the particular Award or in any other agreement incorporated by reference into the Award Agreement for purposes of defining such term.

(ii) In the absence of any other definition of Service in the Award Agreement for a particular Award (or in any other agreement incorporated by reference into the Award Agreement), Service shall mean the performance of services for the Corporation (or any Parent or Subsidiary, whether now existing or subsequently established) by a person in the capacity of an Employee, a non-employee member of the board of directors or a consultant or independent advisor, except to the extent otherwise specifically provided in the documents evidencing the option grant or stock issuance. For purposes of this particular definition of Service, a Participant shall be deemed to cease Service immediately upon the occurrence of the either of the following events: (i) the Participant no longer performs services in any of the foregoing capacities for the Corporation or any Parent or Subsidiary or (ii) the

entity for which the Participant is performing such services ceases to remain a Parent or Subsidiary of the Corporation, even though the Participant may subsequently continue to perform services for that entity.

(iii) Service shall not be deemed to cease during a period of military leave, sick leave or other personal leave approved by the Corporation; ***provided, however,*** that should such leave of absence exceed three (3) months, then for purposes of determining the period within which an Incentive Option may be exercised as such under the federal tax laws, the Participant's Service shall be deemed to cease on the first day immediately following the expiration of such three (3)-month period, unless Participant is provided with the right to return to Service following such leave either by statute or by written contract. Except to the extent otherwise required by law or expressly authorized by the Plan Administrator or by the Corporation's written policy on leaves of absence, no Service credit shall be given for vesting purposes for any period the Participant is on a leave of absence.

CC. **Stock Exchange** shall mean the American Stock Exchange, the Nasdaq Global or Global Select Market or the New York Stock Exchange.

DD. **Subsidiary** shall mean any corporation (other than the Corporation) in an unbroken chain of corporations beginning with the Corporation, provided each corporation (other than the last corporation) in the unbroken chain owns, at the time of the determination, stock

A-6

possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

EE. **10% Stockholder** shall mean the owner of stock (as determined under Code Section 424(d)) possessing more than ten percent (10%) of the total combined voting power of all classes of stock of the Corporation (or any Parent or Subsidiary).

FF. **Withholding Taxes** shall mean the applicable federal, state and foreign income and employment withholding taxes and other payments to which the holder of an Award under the Plan may become subject in connection with the issuance, exercise or vesting of that Award or the issuance of shares of Common Stock thereunder.

A-7
