

Advanced Emissions Solutions, Inc.  
Form SC 13G  
February 12, 2018

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**SCHEDULE 13G**

(Amendment No. )\*

Under the Securities Exchange Act of 1934

**ADVANCED EMISSIONS SOLUTIONS, INC.**

(Name of Issuer)

**Common Stock, par value \$0.001**

(Title of Class of Securities)

**00770C101**

(CUSIP Number)

**February 2, 2018**

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
Apollo A-N Credit Fund (Delaware), L.P.

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Delaware

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
217,763 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
217,763 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
217,763 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
1.0%

12 Type of Reporting Person (See Instructions)  
PN

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1 Name of Reporting Persons.  
 I.R.S. Identification Nos. of Above Persons (Entities Only).  
 Apollo A-N Credit Management, LLC

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
 (a)   
 (b)

3 SEC Use Only

4 Citizenship or Place of Organization  
 Delaware

Number of  
 Shares  
 Beneficially  
 Owned by  
 Each  
 Reporting  
 Person With:

5	Sole Voting Power
6	Shared Voting Power 217,763 shares of common stock, par value \$0.01
7	Sole Dispositive Power
8	Shared Dispositive Power 217,763 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
 217,763 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
 1.0%

12 Type of Reporting Person (See Instructions)  
 OO

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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
Apollo Credit Strategies Master Fund Ltd.

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Cayman Islands

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
402,705 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
402,705 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
402,705 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
1.9%

12 Type of Reporting Person (See Instructions)  
CO

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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
Apollo ST Fund Management LLC

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Delaware

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
402,705 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
402,705 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
402,705 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
1.9%

12 Type of Reporting Person (See Instructions)  
OO

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1 Name of Reporting Persons.  
 I.R.S. Identification Nos. of Above Persons (Entities Only).  
 Apollo ST Operating LP

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
 (a)   
 (b)

3 SEC Use Only

4 Citizenship or Place of Organization  
 Delaware

Number of  
 Shares  
 Beneficially  
 Owned by  
 Each  
 Reporting  
 Person With:

5	Sole Voting Power
6	Shared Voting Power 402,705 shares of common stock, par value \$0.01
7	Sole Dispositive Power
8	Shared Dispositive Power 402,705 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
 402,705 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
 1.9%

12 Type of Reporting Person (See Instructions)  
 PN

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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
Apollo ST Capital LLC

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Delaware

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
402,705 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
402,705 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
402,705 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
1.9%

12 Type of Reporting Person (See Instructions)  
OO

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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
ST Management Holdings, LLC

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Delaware

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
402,705 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
402,705 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
402,705 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
1.9%

12 Type of Reporting Person (See Instructions)  
OO



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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
Apollo Capital Spectrum Fund, L.P.

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Cayman Islands

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
551,012 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
551,012 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
551,012 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
2.6%

12 Type of Reporting Person (See Instructions)  
PN

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1 Name of Reporting Persons.  
 I.R.S. Identification Nos. of Above Persons (Entities Only).  
 Apollo Incubator Management, LLC

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
 (a)   
 (b)

3 SEC Use Only

4 Citizenship or Place of Organization  
 Delaware

	5	Sole Voting Power
Number of Shares Beneficially Owned by Each Reporting Person With:	6	Shared Voting Power 551,012 shares of common stock, par value \$0.01
	7	Sole Dispositive Power
	8	Shared Dispositive Power 551,012 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
 551,012 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
 2.6%

12 Type of Reporting Person (See Instructions)  
 OO

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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
Apollo Capital Management, L.P.

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Delaware

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
1,171,480 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
1,171,480 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
1,171,480 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
5.6%

12 Type of Reporting Person (See Instructions)  
PN

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1 Name of Reporting Persons.  
 I.R.S. Identification Nos. of Above Persons (Entities Only).  
 Apollo Capital Management GP, LLC

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
 (a)   
 (b)

3 SEC Use Only

4 Citizenship or Place of Organization  
 Delaware

Number of  
 Shares  
 Beneficially  
 Owned by  
 Each  
 Reporting  
 Person With:

5	Sole Voting Power
6	Shared Voting Power 1,171,480 shares of common stock, par value \$0.01
7	Sole Dispositive Power
8	Shared Dispositive Power 1,171,480 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
 1,171,480 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
 5.6%

12 Type of Reporting Person (See Instructions)  
 OO

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1 Name of Reporting Persons.  
 I.R.S. Identification Nos. of Above Persons (Entities Only).  
 Apollo Management Holdings, L.P.

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
 (a)   
 (b)

3 SEC Use Only

4 Citizenship or Place of Organization  
 Delaware

	5	Sole Voting Power
Number of Shares Beneficially Owned by Each Reporting Person With:	6	Shared Voting Power 1,171,480 shares of common stock, par value \$0.01
	7	Sole Dispositive Power
	8	Shared Dispositive Power 1,171,480 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
 1,171,480 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
 5.6%

12 Type of Reporting Person (See Instructions)  
 PN

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1 Name of Reporting Persons.  
I.R.S. Identification Nos. of Above Persons (Entities Only).  
Apollo Management Holdings GP, LLC

2 Check the Appropriate Box if a Member of a Group (See Instructions)  
(a)   
(b)

3 SEC Use Only

4 Citizenship or Place of Organization  
Delaware

5 Sole Voting Power

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With:

6 Shared Voting Power  
1,171,480 shares of common stock, par value \$0.01

7 Sole Dispositive Power

8 Shared Dispositive Power  
1,171,480 shares of common stock, par value \$0.01

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
1,171,480 shares of common stock, par value \$0.01

10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

11 Percent of Class Represented by Amount in Row (9)  
5.6%

12 Type of Reporting Person (See Instructions)  
OO

**Item 1.**

- (a) Name of Issuer  
Advanced Emissions Solutions, Inc.
- (b) Address of Issuer's Principal Executive Offices

640 Plaza Drive, Suite 270,

Highlands Ranch, CO 80129

**Item 2.**

- (a) Name of Person Filing

This statement is filed by (i) Apollo A-N Credit Fund (Delaware), L.P. ( A-N Credit ), (ii) Apollo A-N Credit Management, LLC ( A-N Credit Management ), (iii) Apollo Credit Strategies Master Fund Ltd. ( Credit Strategies ), (iv) Apollo ST Fund Management LLC ( ST Management ), (v) Apollo ST Operating LP ( ST Operating ), (vi) Apollo ST Capital LLC ( ST Capital ), (vii) ST Management Holdings, LLC ( ST Management Holdings ), (viii) Apollo Capital Spectrum Fund, L.P. ( Capital Spectrum ), (ix) Apollo Incubator Management, LLC ( Incubator Management ), (x) Apollo Capital Management, L.P. ( Capital Management ), (xi) Apollo Capital Management GP, LLC ( Capital Management GP ), (xii) Apollo Management Holdings, L.P. ( Management Holdings ), and (xiii) Apollo Management Holdings GP, LLC ( Management Holdings GP ). The foregoing are collectively referred to herein as the Reporting Persons.

A-N Credit, Credit Strategies and Capital Spectrum each hold securities of the Issuer. A-N Credit Management serves as the investment manager for A-N Credit. ST Management serves as the investment manager for Credit Strategies. ST Operating is the sole member of ST Management. The general partner of ST Operating is ST Capital. ST Management Holdings is the sole member of ST Capital. Incubator Management serves as the manager for Capital Spectrum.

Capital Management serves as the sole member-manager of A-N Credit Management, ST Management Holdings and Incubator Management. Capital Management GP serves as the general partner of Capital Management. Management Holdings serves as the sole member and manager of Capital Management GP, and Management Holdings GP serves as the general partner of Management Holdings.

- (b) Address of Principal Business Office or, if none, Residence  
The principal office of A-N Credit is One Manhattanville Road, Suite 201, Purchase, New York 10577. The principal office of Credit Strategies and Capital Spectrum is c/o Walkers Corporate Limited, Cayman Corporate Centre, 27 Hospital Road, George Town, Grand Cayman, KY-9008, Cayman Islands. The principal office of each of A-N Credit Management, ST Management, ST Operating, ST Capital, ST Management Holdings, Incubator Management, Capital Management, Capital Management GP, Management Holdings and Management Holdings GP is 9 W. 57th Street, 43rd Floor, New York, New

- York 10019.
- (c) Citizenship  
A-N Credit, ST Operating, Capital Management and Management Holdings are each Delaware limited partnerships. Credit Strategies is an exempted company incorporated in the Cayman Islands with limited liability. Capital Spectrum is an exempted limited partnership registered in the Cayman Islands. A-N Credit Management, ST Management, ST Capital, ST Management Holdings, Incubator Management, Capital Management GP and Management Holdings GP are each Delaware limited liability companies.
- (d) Title of Class of Securities  
Common stock, par value \$0.001 (the Common Stock ).
- (e) CUSIP Number  
00770C101

**Item 3.** If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:  
Not applicable.



**Item 4. Ownership.**

(a)	Amount beneficially owned:	
	A-N Credit:	217,763
	A-N Credit Management:	217,763
	Credit Strategies:	402,705
	ST Management:	402,705
	ST Operating:	402,705
	ST Capital:	402,705
	ST Management Holdings:	402,705
	Capital Spectrum:	551,012
	Incubator Management:	551,012
	Capital Management:	1,171,480
	Capital Management GP:	1,171,480
	Management Holdings:	1,171,480
	Management Holdings GP:	1,171,480

A-N Credit, Credit Strategies, and Capital Spectrum each disclaims beneficial ownership of Common Stock reported in this report not owned of record by such Reporting Persons. The other Reporting Persons, and Messrs. Leon Black, Joshua Harris and Marc Rowan, the managers, as well as executive officers, of Management Holdings GP, each disclaim beneficial ownership of all shares of Common Stock included in this report, and the filing of this report shall not be construed as an admission that any such person or entity is the beneficial owner of any such securities for purposes of Section 13(d) or 13(g) of the Securities Exchange Act of 1934, as amended, or for any other purpose.

(b)	Percent of class:	
	A-N Credit:	1.0%
	A-N Credit Management:	1.0%
	Credit Strategies:	1.9%
	ST Management:	1.9%
	ST Operating:	1.9%
	ST Capital:	1.9%
	ST Management Holdings:	1.9%
	Capital Spectrum:	2.6%
	Incubator Management:	2.6%
	Capital Management:	5.6%
	Capital Management GP:	5.6%
	Management Holdings:	5.6%
	Management Holdings GP:	5.6%

The percentage amounts are based on 21,089,470 shares of Common Stock outstanding as of November 1, 2017, as reported in the Form 10-Q filed by the Issuer with the Securities and Exchange Commission on November 6, 2017.

(c)	Number of shares as to which the person has:	
	(i)	Sole power to vote or to direct the vote:
		0 for all Reporting Persons
	(ii)	Shared power to vote or to direct the vote:
		A-N Credit: 217,763
		A-N Credit Management: 217,763
		Credit Strategies: 402,705
		ST Management: 402,705
		ST Operating: 402,705
		ST Capital: 402,705
		ST Management Holdings: 402,705
		Capital Spectrum: 551,012
		Incubator Management: 551,012
		Capital Management: 1,171,480
		Capital Management GP: 1,171,480
		Management Holdings: 1,171,480

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	Management Holdings GP:	1,171,480
(iii)	Sole power to dispose or to direct the disposition of:	
	0 for all Reporting Persons	
(iv)	Shared power to dispose or to direct the disposition of:	
	A-N Credit:	217,763
	A-N Credit Management:	217,763
	Credit Strategies:	402,705
	ST Management:	402,705
	ST Operating:	402,705
	ST Capital:	402,705
	ST Management Holdings:	402,705
	Capital Spectrum:	551,012
	Incubator Management:	551,012
	Capital Management:	1,171,480
	Capital Management GP:	1,171,480
	Management Holdings:	1,171,480
	Management Holdings GP:	1,171,480

**Item 5. Ownership of Five Percent or Less of a Class.**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following

**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not applicable.

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.**

Not applicable.

**Item 8. Identification and Classification of Members of the Group.**

Not applicable.

**Item 9. Notice of Dissolution of Group.**

Not applicable.

**Item 10. Certification.**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

[The remainder of this page intentionally left blank.]

**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 12, 2018

APOLLO A-N CREDIT FUND (DELAWARE), L.P.

By: Apollo A-N Credit Advisors (APO FC Delaware), L.P.  
its general partner

By: Apollo A-N Credit Advisors (APO FC-GP), LLC  
its general partner

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO A-N CREDIT MANAGEMENT, LLC

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO CREDIT STRATEGIES MASTER FUND LTD.

By: Apollo ST Fund Management LLC  
its investment manager

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO ST FUND MANAGEMENT LLC

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO ST OPERATING LP

By: Apollo ST Capital LLC  
its general partner

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO ST CAPITAL LLC

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

ST MANAGEMENT HOLDINGS, LLC

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO CAPITAL SPECTRUM FUND, L.P.

By: Apollo Capital Incubator Advisors, LLC  
its general partner

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO INCUBATOR MANAGEMENT, LLC

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO CAPITAL MANAGEMENT, L.P.

By: Apollo Capital Management GP, LLC  
its general partner

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO CAPITAL MANAGEMENT GP, LLC

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO MANAGEMENT HOLDINGS, L.P.

By: Apollo Management Holdings GP, LLC  
its general partner

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President

APOLLO MANAGEMENT HOLDINGS GP, LLC

By: /s/ Joseph D. Glatt  
Name: Joseph D. Glatt  
Title: Vice President