

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

FORM 12b-25

Commission File Number: 000-53238

NOTIFICATION OF LATE FILING

(Check One):       Form 10-K                       Form 11-K                       Form 20-F                       Form 10-Q                       Form N-SAR

For Period Ended:      September 30, 2010

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- |   |  |
|---|--|
| <input type="checkbox"/> Transition Report on Form 10-K | <input type="checkbox"/> Transition Report on Form 10-Q  |
| <input type="checkbox"/> Transition Report on Form 20-F | <input type="checkbox"/> Transition Report on Form N-SAR |
| <input type="checkbox"/> Transition Report on Form 11-K |  |

For the Transition Period Ended: \_\_\_\_\_

*Read attached instruction sheet before preparing form. Please print or type.*

Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which notification relates:

**Part I. Registrant Information**

Full name of registrant:      CEMTREX, INC.

Former name if applicable: \_\_\_\_\_

Address of principal executive office (*Street and number*):      19 Engineers Lane

City, State and Zip Code:      Farmingdale, New York 11735

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**Part II. Rule 12b-25 (b) and (c)**

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check appropriate box.)

- (a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;
- (b) The subject annual report, semi-annual report, transition report on Form 10-K, 20-F, 11-K or Form N-SAR, or portion thereof, will be filed on or before the 15th calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q, or portion thereof will be filed on or before the fifth calendar day following the prescribed due date; and
- (c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

**Part III. Narrative**

State below in reasonable detail the reasons why Form 10-K, 11-K, 20-F, 10-Q, N-SAR or the transition report portion thereof could not be filed within the prescribed time period. (Attach extra sheets if needed.)

The registrant is unable to file its Annual Report (the "Annual Report") on Form 10-K for its year ended September 30, 2010 by the prescribed date of December 29, 2010 due to a delay with finalizing its results of operations for such period. The registrant intends to file the Annual Report by January 13, 2011.

**Part IV. Other Information**

(1) Name and telephone number of person to contact in regard to this notification

Arun Govil  
(Name)

631-756-9116  
(Area code) (Telephone number)

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(2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If the answer is no, identify report(s).

Yes  No

(3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?

Yes  No

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If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

CEMTREX, INC.

(Name of registrant as specified in charter)

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Has caused this notification to be signed on its behalf by the undersigned thereunto duly authorized.

Dated: December 29, 2010

By: /s/ Renato Dela Rama

Renato Dela Rama

Vice President of Finance (Principal Financial Officer)

**ATTENTION**

Intentional misstatements or omissions of fact constitute Federal criminal violations (*see* 18 U.S.C. 1001).

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