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

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549 **SCHEDULE 13G** (Rule 13d-102) (Amendment No.) INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b) CEMTREX, INC. (Name of Issuer) Common Stock, \$0.001 par value (Title of Class of Securities) 15130G808 (CUSIP Number) September 30, 2024 (Date of Event Which Requires Filing of this Statement) Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

1			RTING PERSONS ATION NO. OF ABOVE PERSONS (ENTITIES ONLY)	
	I.R.S. IDEIVI	11 10	ATTOCK TO. OF ABOVE LEAGUING (ENTITLES ONLY)	
	Anson Funds Management LP			
2		API	PROPRIATE BOX IF A MEMBER OF A GROUP*	
	(a) 🗆 (b)			
3	SEC USE ON	LY		
4	CITIZENCIII	р ОІ	R PLACE OF ORGANIZATION	
4	CHIZENSHI	POI	CPLACE OF ORGANIZATION	
	Texas			
		5	SOLE VOTING POWER	
N	NUMBER OF		0 SHARED VOTING POWER	
SHARES BENEFICIALLY OWNED BY EACH REPORTING		6	SIMILE VOINGTOWER	
			1,935,342	
		7	SOLE DISPOSITIVE POWER	
ľ	PERSON WITH			
			SHARED DISPOSITIVE POWER	
9	A CODECAT		1,935,342 MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
9	AGGREGAT	E AI	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,935,342			
10	CHECK BOX	IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	
	П			
11		F CL	ASS REPRESENTED BY AMOUNT IN ROW 9	
	9.9% **			
12	TYPE OF RE	POR	TING PERSON*	
	IA, PN			

SEE INSTRUCTIONS BEFORE FILLING OUT SEE ITEM 4(b).

1	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)			
	Anson Management GP LLC			
2		API	PROPRIATE BOX IF A MEMBER OF A GROUP*	
	()			
3	S SEC USE ONLY			
4	4 CITIZENSHIP OR PLACE OF ORGANIZATION			
	Texas			
		5	SOLE VOTING POWER	
,	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			
N			SHARED VOTING POWER	
			1,935,342	
			SOLE DISPOSITIVE POWER	
F				
			0 SHARED DISPOSITIVE POWER	
			SHARED DISPOSITIVE POWER	
			1,935,342	
9	AGGREGAT	E Al	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,935,342			
10		IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	
11		F CI	ASS REPRESENTED BY AMOUNT IN ROW 9	
12	9.9% **	DOD	TING PERSON*	
12	TYPE OF RE	PUK	TING PERSON.	
	HC OO			

SEE INSTRUCTIONS BEFORE FILLING OUT SEE ITEM 4(b).

1			RTING PERSONS ATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
	Tony Moore		
2		API	PROPRIATE BOX IF A MEMBER OF A GROUP*
	(a) 🗆 (b)	, Ц	
3	SEC USE ON	LY	
4	CITIZENSHI	P OI	R PLACE OF ORGANIZATION
	United States	Citiz	zen
		5	SOLE VOTING POWER
	NUMBER OF		
N			SHARED VOTING POWER
SHARES BENEFICIALLY OWNED BY EACH REPORTING			
			1,935,342
		7	SOLE DISPOSITIVE POWER
r	PERSON		
	WITH	8	SHARED DISPOSITIVE POWER
0	A CODECAT		1,935,342
9	AGGREGAT	E AI	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	1,935,342		
10	CHECK BOX	IF '	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*
11	PERCENT O	F CL	ASS REPRESENTED BY AMOUNT IN ROW 9
12	9.9% **	DOD	PTIMO DEDCOMA
12	I YPE OF RE	POR	TING PERSON*
	HC, IN		

SEE INSTRUCTIONS BEFORE FILLING OUT SEE ITEM 4(b).

1			RTING PERSONS	
	I.R.S. IDENT	IFIC	ATION NO. OF ABOVE PERSONS (ENTITIES ONLY)	
	Anson Advisors Inc.			
2			PROPRIATE BOX IF A MEMBER OF A GROUP*	
	(a) (b)			
_				
3	SEC USE ON	LY		
4	CITIZENSHI	P OI	R PLACE OF ORGANIZATION	
	Ontario, Cana		COLE VOTRIC POWER	
		5	SOLE VOTING POWER	
,	NUMBER OF SHARES		0	
N			SHARED VOTING POWER	
BENEFICIALLY OWNED BY EACH REPORTING				
		7	1,935,342	
		/	SOLE DISPOSITIVE POWER	
	PERSON		0	
	WITH	8	SHARED DISPOSITIVE POWER	
9	ACCRECAT	E A	1,935,342 MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
9	AUUKEUAI	L AI	WOON I DENEFICIALL I OWNED DI EACH REFORTING FERSON	
	1,935,342			
10	CHECK BOX	IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*	
	П			
11		F CI	ASS REPRESENTED BY AMOUNT IN ROW 9	
11	TERCEITI O	. CL	ADD REFREDERINE DI TRICOTTI INTON /	
	9.9% **			
12	TYPE OF RE	POR	TING PERSON*	
	FI. CO			
	11,00			

SEE INSTRUCTIONS BEFORE FILLING OUT SEE ITEM 4(b).

1			RTING PERSONS ATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
	I.K.S. IDENT	II IC	ATION NO. OF ABOVETERSONS (ENTITIES ONLT)
	Amin Nathoo		
2		API	PROPRIATE BOX IF A MEMBER OF A GROUP*
	(a) <u> </u>	_	
3	SEC USE ON	LY	
4	CITIZENSHI	P OI	R PLACE OF ORGANIZATION
	CITIZENSIII	1 01	CLERCE OF OROTHALEMION
	Canadian Citi		
		5	SOLE VOTING POWER
N	NUMBER OF		0
SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON		6	SHARED VOTING POWER
			1,935,342
		7	SOLE DISPOSITIVE POWER
	WITH	8	SHARED DISPOSITIVE POWER
9	AGGREGAT	F A1	1,935,342 MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	NOOKLONI	L 7 11	WOOM BENEFICIALET OWNED BY EACH REPORTING LERSON
	1,935,342		
10	CHECK BOX	(IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*
11	PERCENT O	F CL	ASS REPRESENTED BY AMOUNT IN ROW 9
	9.9% **		
12		POR	TING PERSON*
	HC, IN		
	110, 111		

SEE INSTRUCTIONS BEFORE FILLING OUT SEE ITEM 4(b).

1			RTING PERSONS ATION NO. OF ABOVE PERSONS (ENTITIES ONLY)
	I.K.S. IDENT	11 10	ATION NO. OF ABOVE PERSONS (ENTITIES ONET)
	Moez Kassam		
2		API	PROPRIATE BOX IF A MEMBER OF A GROUP*
	(a) 🗆 (b)		
3	SEC USE ON	LY	
4	CITIZENCUI	D OI	R PLACE OF ORGANIZATION
4	CHIZENSHI	POI	RPLACE OF ORGANIZATION
	Canadian Citi	zen	
		5	SOLE VOTING POWER
	NUMBER OF SHARES		
N			SHARED VOTING POWER
BENEFICIALLY OWNED BY EACH REPORTING			
		7	1,935,342 SOLE DISPOSITIVE POWER
			SOLL DISTOSITIVE FOWER
	PERSON WITH		0
	W1111	8	SHARED DISPOSITIVE POWER
			1,935,342
9	AGGREGAT	E Al	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	1,935,342		
10		IF	THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*
11	DED CENT O	E CI	ASS REPRESENTED BY AMOUNT IN ROW 9
11	FERCENT O	r CL	ASS REFRESENTED DI AMOUNT IN KOW 9
	9.9% **		
12	TYPE OF RE	POR	TING PERSON*
	HC, IN		

SEE INSTRUCTIONS BEFORE FILLING OUT SEE ITEM 4(b).

SCHEDULE 13G

This Schedule 13G (the "Schedule 13G") is being filed on behalf of Anson Funds Management LP (d/b/a Anson Funds), a Texas limited partnership, Anson Management GP LLC, a Texas limited liability company, Mr. Tony Moore, the principal of Anson Funds Management LP and Anson Management GP LLC, Anson Advisors Inc., an Ontario, Canada corporation, Mr. Amin Nathoo, a director of Anson Advisors Inc., and Mr. Moez Kassam, a director of Anson Advisors Inc., relating to Common Stock, \$0.001 par value (the "Common Stock"), of Cemtrex, Inc., a Delaware corporation (the "Issuer").

This Schedule 13G relates to the Common Stock of the Issuer purchased by a private fund to which Anson Funds Management LP and Anson Advisors Inc. serve as co-investment advisors (the "Fund"). Anson Funds Management LP and Anson Advisors Inc. serve as co-investment advisors to the Fund and may direct the vote and disposition of the 1,935,342 shares of Common Stock underlying warrants held by the Fund. As the general partner of Anson Funds Management LP, Anson Management GP LLC may direct the vote and disposition of the 1,935,342 shares of Common Stock underlying warrants held by the Fund. As the principal of Anson Fund Management LP and Anson Management GP LLC, Mr. Moore may direct the vote and disposition of the 1,935,342 shares of Common Stock underlying warrants held by the Fund. As directors of Anson Advisors Inc., Mr. Nathoo and Mr. Kassam may each direct the vote and disposition of the 1,935,342 shares of Common Stock underlying warrants held by the Fund.

Item 1(a) Name of Issuer.

Cemtrex, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices.

135 Fell Ct. Hauppauge, NY, 11788

Item 2(a) Name of Person Filing.

Anson Funds Management LP, Anson Management GP LLC, Mr. Tony Moore, Anson Advisors Inc., Mr. Amin Nathoo and Mr. Moez Kassam

Item 2(b) Address of Principal Business Office, or, if none, Residence.

For Anson Funds Management LP, Anson Management GP LLC and Mr. Moore:

16000 Dallas Parkway, Suite 800 Dallas, Texas 75248

For Anson Advisors Inc., Mr. Nathoo and Mr. Kassam:

181 Bay St, Suite 4200 Toronto, ON M5J 2T3

Item 2(c)	Citizenship or Place of Organization.						
	Anson Funds Management LP is a limited partnership organized under the laws of the State of Texas. Anson Management GP LLC is a limited liability company organized under the laws of the State of Texas. Mr. Moore is a United States citizen. Anson Advisors Inc. is a corporation organized under the laws of Ontario, Canada. Mr. Nathoo and Mr. Kassam are each Canadian citizens.						
Item 2(d)	Title of Class of Securities.						
	Common Stock, \$0.001 par value						
Item 2(e)	CUSIP Number.						
	15130G808						
Item 3	Reporting Person.						
If this stat	tement is filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a:						
(a) 🗆	Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).						
(b) 🗆	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).						
(c) 🗆	Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).						
(d) 🗆	Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).						
(e) ⊠	An investment advisor in accordance with §240.13d-1(b)(1)(ii)(E).						
(f) 🗆	An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F).						
(g) 🗵	A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G).						
(h)	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813).						
(i) 🗆	A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3).						
(j) 🗵	A non-U.S. institution that is the functional equivalent of any of the institutions listed in §240.13d-1 (b)(1)(ii)(A) through (I), so long as the non-U.S. institution is subject to a regulatory scheme that is substantially comparable to the regulatory scheme applicable to the equivalent U.S. institution.						

(k) \Box Group, in accordance with §240.13d-1(b)(1)(ii)(K).

Item 4 Ownership.

- (a) Anson Funds Management LP, Anson Management GP LLC, Mr. Moore, Anson Advisors Inc., Mr. Nathoo and Mr. Kassam are the beneficial owners of 1,935,342 shares of Common Stock underlying warrants held by the Fund.
- (b) Anson Funds Management LP, Anson Management GP LLC, Mr. Moore, Anson Advisors Inc., Mr. Nathoo and Mr. Kassam are the beneficial owners of 9.9% of the outstanding shares of Common Stock, which includes shares of Common Stock underlying outstanding warrants (each, a "Warrant," and collectively, the "Warrants") held by Anson Funds Management LP, Anson Management GP LLC, Mr. Moore, Anson Advisors Inc., Mr. Nathoo and Mr. Kassam. Each Warrant includes a beneficial ownership limitation. The Warrants may not be exercised to the extent the Reporting Persons would, in the case of some of the Warrants, beneficially own more than 4.99%, and in the case of others, beneficially own more than 9.99% of the outstanding Common Stock. The beneficial ownership set forth herein takes into account the foregoing limitation. This percentage is determined by dividing 1,935,342 by 19,372,798, which is the sum of: (i) 17,437,456 shares of Common Stock issued and outstanding, as reported in the Issuer's Report on Form 10-Q filed with the Securities and Exchange Commission (the "SEC") on August 14, 2024; and (ii) 1,935,342, the number of shares of Common Stock receivable by the Fund upon exercise of the Common Warrants.
- (c) Anson Funds Management LP and Anson Advisors Inc., as the co-investment advisors to the Fund, may direct the vote and disposition of the 1,935,342 shares of Common Stock held by the Fund. Anson Management GP LLC, as the general partner of Anson Funds Management LP, may direct the vote and disposition of the 1,935,342 shares of Common Stock held by the Fund. As the principal of Anson Funds Management LP and Anson Management GP LLC, Mr. Moore may direct the vote and disposition of the 1,935,342 shares of Common Stock held by the Fund. Mr. Nathoo and Mr. Kassam, each as a director of Anson Advisors Inc., may direct the vote and disposition of the 1,935,342 shares of Common Stock held by the Fund.

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

Inapplicable.

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

See description regarding the Fund in the introduction, which is incorporated by reference herein.

Item 7 Identification and Classification of the Subsidiary which Acquired the Security Being Reported On by the Parent Holding Company.

See description of control persons of Anson Funds Management LP and Anson Advisors Inc. in the introduction, which is incorporated by reference herein

Item 8 Identification and Classification of Members of the Group.

Inapplicable.

Item 9 Notice of Dissolution of Group.

Inapplicable.

Item 10 Certification.

By signing below each of the Reporting Persons certifies that, to the best of such person's knowledge and belief, the securities referred to above were acquired and held in the ordinary course of business and were not acquired and were 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.

For Anson Advisors Inc.:

By signing below I certify that, to the best of my knowledge and belief, the foreign regulatory scheme applicable to portfolio managers and exempt market dealers is substantially comparable to the regulatory scheme applicable to the functionally equivalent U.S. institution. I also undertake to furnish to the Commission staff, upon request, information that would otherwise be disclosed in a Schedule 13D.

Exhibits <u>Exhibit 99.1</u>

Joint Filing Agreement dated November 14, 2024, by and among Anson Funds Management LP, Anson Management GP LLC, Mr. Moore, Anson Advisors Inc., Mr. Nathoo and Mr. Kassam.

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: November 14, 2024

ANSON FUNDS MANAGEMENT LP

By: Anson Management GP LLC, its general partner

By: /s/ Tony Moore Tony Moore Manager

ANSON MANAGEMENT GP LLC

By: /s/ Tony Moore Tony Moore

Manager /s/ Tony Moore Tony Moore

ANSON ADVISORS INC.

By: /s/ Amin Nathoo

Amin Nathoo Director

By: /s/ Moez Kassam

Moez Kassam Director

/s/ Amin Nathoo

Amin Nathoo

/s/ Moez Kassam

Moez Kassam

EXHIBIT 99.1 JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, the undersigned agree to the joint filing on behalf of each of them of a Statement on Schedule 13G (including any and all amendments thereto) with respect to the Common Stock, \$0.001 par value, of Cemtrex, Inc., a Delaware corporation, and further agree that this Joint Filing Agreement shall be included as an Exhibit to such joint filings.

The undersigned further agree that each party hereto is responsible for the timely filing of such Statement on Schedule 13G and any amendments thereto, and for the accuracy and completeness of the information concerning such party contained therein; provided, however, that no party is responsible for the accuracy or completeness of the information concerning any other party, unless such party knows or has reason to believe that such information is inaccurate

This Joint Filing Agreement may be signed in counterparts with the same effect as if the signature on each counterpart were upon the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of November 14, 2024.

ANSON FUNDS MANAGEMENT LP By: Anson Management GP LLC, its general partner

By: /s/ Tony Moore
Tony Moore
Manager

ANSON MANAGEMENT GP LLC

By: /s/ Tony Moore
Tony Moore
Manager

/s/ Tony Moore

Tony Moore

ANSON ADVISORS INC.

By: /s/ Amin Nathoo
Amin Nathoo
Director

By: /s/ Moez Kassam

Moez Kassam Director

/s/ Amin Nathoo Amin Nathoo

/s/ Moez Kassam

Moez Kassam