UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934 (Amendment No. 8)*

Hydrogenics Corporation

(Name of Issuer)

Common Shares (Title of Class of Securities)

> 448883207 (CUSIP Number)

CommScope, Inc. 1100 CommScope Place, SE Hickory, North Carolina 28602 (800) 324-2200 (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

April 21, 2016

(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

* 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 disclosures provided in a prior cover page.

The information required on 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).

CUSIP No. 448883207

	F 1NU, 440						
1.	1. Names of Reporting Persons						
	Comm	Scop	be Holding Company, Inc.				
2.	2. Check the Appropriate Box if a Member of a Group (See Instructions)						
	(a) 🗆	(b					
3.	SEC Us	e Onl	V				
5.	. SEC Use Only						
4.	Source of	of Fui	nds (See Instructions)				
	WC						
5.		Disc	losure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)				
6.	Citizens	hip o	r Place of Organization				
	Dela	11/21					
Delaware 7. Sole Voting Power							
	mber of		0				
	Shares neficially	8.	Shared Voting Power				
Owned by 1 237 987			1 237 987				
	Each	9.	Sole Dispositive Power				
	eporting Person						
	With		0				
		10.	Shared Dispositive Power				
			1,237,987				
11.	Aggrega	ite Ar	nount Beneficially Owned by Each Reporting Person				
10	1,23						
12.	Check if	the <i>I</i>	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)				
13.	Percent	of Cl	ass Represented by Amount in Row (11)				
		9.9%					
14.	Type of	Repo	rting Person (See Instructions)				
	CO						
L							

CUSIP No. 448883207

0001	P INO. 448	0002				
1.	1. Names of Reporting Persons					
	Comm	CommScope, Inc.				
2.	Check t	ne Ap	propriate Box if a Member of a Group (See Instructions)			
	(a) \Box (b) \boxtimes					
3.	. SEC Use Only					
4.	4. Source of Funds (See Instructions)					
	WC					
5.	Check i	f Disc	losure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)			
6	Citizens	hip o	Place of Organization			
Delaware						
		7.	Sole Voting Power			
	mber of		0			
Ber	Shares neficially	8.	Shared Voting Power			
	wned by Each		1,237,987			
Re	porting	9.	Sole Dispositive Power			
	Person With		0			
			Shared Dispositive Power			
			1,237,987			
11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987			nount Beneficially Owned by Each Reporting Person			
			7			
12.			Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)			
13.	Percent	of Cl	ass Represented by Amount in Row (11)			
	9.9%					
14.			rting Person (See Instructions)			
	CO					
L						

CUSIP No. 448883207

1. Names of Reporting Persons CommScope, Inc. of North Carolina 2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) □ (b) ⊠ 3. SEC Use Only							
2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) □ (b) ⊠ 3. SEC Use Only 4. Source of Funds (See Instructions) WC 5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) □ 6. Citizenship or Place of Organization North Carolina 7. Sole Voting Power Number of Shares Beneficially Ourone by 1,237,987 Sole Dispositive Power 1,237,987 11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987 	1.	1. Names of Reporting Persons					
2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) □ (b) ⊠ 3. SEC Use Only 4. Source of Funds (See Instructions) WC 5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) □ 6. Citizenship or Place of Organization North Carolina 7. Sole Voting Power Number of Shares Beneficially Our Beneficially Our Beneficially Sole Dispositive Power 1,237,987 9. Sole Dispositive Power 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987		Comm	Scor	pe, Inc. of North Carolina			
(a) (b) Image: state in the image: state in t	2.	2. Check the Appropriate Box if a Member of a Group (See Instructions)					
4. Source of Funds (See Instructions) WC . 5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) 6. Citizenship or Place of Organization North Carolina 7. Sole Voting Power 0 . Shares 8. Beneficially 1,237,987 Sole Dispositive Power 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person		(a) 🗆					
4. Source of Funds (See Instructions) WC . 5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) 6. Citizenship or Place of Organization North Carolina 7. Sole Voting Power 0 . Shares 8. Beneficially 1,237,987 Sole Dispositive Power 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person							
WC 5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) 6. Citizenship or Place of Organization North Carolina Number of Shares Beneficially 8. Shared Voting Power 1,237,987 9. Sole Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person	3.	SEC Us	e Onl	у			
5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) 6. Citizenship or Place of Organization Number of 0 Shares 8. Beneficially 0 Owned by 1,237,987 Sole Dispositive Power 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person	4.	. Source of Funds (See Instructions)					
6. Citizenship or Place of Organization North Carolina 7. Sole Voting Power Number of 0 Shares 8. Beneficially 1,237,987 Sole Dispositive Power 0 Person 0 With 10. Shared Dispositive Power 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person							
North Carolina Number of Shares 7. Sole Voting Power Beneficially Owned by Each Reporting Person With 8. Shared Voting Power 9. Sole Dispositive Power 0 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person	5.	Check if	Disc	closure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) \Box			
Number of Shares 7. Sole Voting Power Beneficially Owned by Each Reporting Person With 8. Shared Voting Power 9. Sole Dispositive Power 0 0 10. Shared Dispositive Power 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person	6.	Citizens	hip o	r Place of Organization			
Number of Shares 0 Beneficially Owned by Each 8. Shared Voting Power Beneficially Owned by Each 1,237,987 Person With 9. Sole Dispositive Power 0 0 10. Shared Dispositive Power 1237,987 11. Aggregate Amount Beneficially Owned by Each Reporting Person 1237,987		North Carolina					
Shares 8. Shared Voting Power Beneficially 1,237,987 Owned by 1,237,987 Each 9. Person 0 With 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person			7.	Sole Voting Power			
Shares 8. Shared Voting Power Beneficially 1,237,987 Owned by 1,237,987 Each 9. Person 0 With 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person	Nu	umber of		0			
Owned by Each Reporting Person With 1,237,987 With 9. Sole Dispositive Power 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. Aggregate Amount Beneficially Owned by Each Reporting Person			8.				
Each 1,237,907 Reporting 9. Sole Dispositive Power Person 0 With 10. Shared Dispositive Power 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 12.37,987							
Reporting 9. Sole Dispositive Power Person 0 With 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 11. 1,237,987	Each 1,237,307						
Person With 0 10. Shared Dispositive Power 11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987			9.	Sole Dispositive Power			
10. Shared Dispositive Power 1,237,987 11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987	I	Person		0			
1,237,987 11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987		With	10				
11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987			10.	טומוכת היאההסווואב ו מאבו			
11. Aggregate Amount Beneficially Owned by Each Reporting Person 1,237,987				1,237,987			
	11.	Aggrega	te Aı				
12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)							
	12.	Check if	the 4	Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)			
13. Percent of Class Represented by Amount in Row (11)	13.	Percent	of Cl	ass Represented by Amount in Row (11)			
9.9%							
14. Type of Reporting Person (See Instructions)	14.			rting Person (See Instructions)			
СО		CO					

EXPLANATORY NOTE

The following constitutes Amendment No. 8 ("Amendment No. 8") to the statement on Schedule 13D previously filed by the undersigned with the Securities and Exchange Commission (the "SEC") on August 17, 2010, as amended on October 1, 2010, April 4, 2011, July 1, 2011, May 16, 2014, November 4, 2014, February 12, 2015, and March 12, 2015 (as amended through the date hereof, the "Schedule 13D"). The Schedule 13D remains in full force and effect, except as specifically amended by this Amendment No. 8. The Schedule 13D is filed by CommScope Holding Company, Inc. ("Holding"), CommScope Inc., a Delaware corporation ("Parent") and a wholly-owned subsidiary of Holding, and CommScope, Inc. of North Carolina, a North Carolina corporation and a wholly-owned subsidiary of Parent ("CommScope NC" and together with Holding and Parent, the "Reporting Persons"). The Schedule 13D relates to the common stock (the "Common Stock") of Hydrogenics Corporation, a corporation existing under the laws of Canada ("Hydrogenics").

Item 5. Interest in Securities of the Issuer

CommScope NC directly owns 1,237,987 shares of Common Stock, or 9.9% of the Common Stock outstanding. Each of Parent, as the owner of all the outstanding equity of CommScope NC, and Holding, as the owner of all the outstanding equity of Holding, may be deemed the beneficial owner of the shares of Common Stock held by CommScope NC.

From the date of the previous amendment to the Schedule 13D through the date hereof, CommScope NC entered into the transactions set forth in Schedule A, which scheduled is incorporated into this Item 5 by reference.

The percentage of Common Stock reported as beneficially owned by the Reporting Persons is based upon 12,540,757 shares of Common Stock outstanding as of December 31, 2015, as reported in Hydrogenics' Annual Report on Form 40-F, filed with the SEC on March 9, 2016.

1

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.

COMMSCOPE HOLDING COMPANY, INC.

4/21/16
Date

Dute

/s/ Frank B. Wyatt, II

Signature

Frank B. Wyatt, II Senior Vice President

Name/Title

COMMSCOPE, INC.

4/21/16 Date

/s/ Frank B. Wyatt, II

Signature

Frank B. Wyatt, II Senior Vice President

Name/Title

COMMSCOPE, INC. OF NORTH CAROLINA

4/21/16 Date

/s/ Frank B. Wyatt, II

Signature

Frank B. Wyatt, II Senior Vice President

Name/Title

2

Schedule A

Set forth below is a list of open market transactions in shares of the Common Stock which have been effected by the Reporting Persons since the previous amendment to the Schedule 13D. All such transactions were privately-negotiated transactions pursuant to brokers' transactions, transactions with a market maker or in riskless principal transactions.

The prices reported below are weighted average prices. The shares were sold in multiple transactions at prices in the ranges reported below. The Reporting Persons undertake to provide to the Company, any security holder of the Company, or the staff of the SEC, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth below.

Trade Date	Entity	Entity Purchase or Sale		Weighted Average Price		Price Ranges
3/7/16	CommScope NC	Sale	Quantity 4,054	\$	8.4054	\$8.27 – \$8.63
3/8/16	CommScope NC	Sale	6,303	\$	8.4333	\$8.40 - \$8.56
3/9/16	CommScope NC	Sale	5,792	\$	8.0754	\$8.00 - \$8.25
3/10/16	CommScope NC	Sale	300	\$	8.0700	\$8.07 - \$8.07
3/15/16	CommScope NC	Sale	562	\$	8.0142	\$8.00 - \$8.04
3/16/16	CommScope NC	Sale	1,800	\$	8.0344	8.00 - 8.10
3/17/16	CommScope NC	Sale	1,800	\$	8.1256	\$8.00 - \$8.18
3/18/16	CommScope NC	Sale	2,821	\$	8.0622	\$8.00 - \$8.20
3/21/16	CommScope NC	Sale	702	\$	8.0342	\$8.00 - \$8.06
3/22/16	CommScope NC	Sale	100	\$	8.0000	8.00 - 8.00
3/23/16	CommScope NC	Sale	300	\$	8.0200	\$8.00 - \$8.03
3/24/16	CommScope NC	Sale	1,869	\$	8.0123	\$8.00 - \$8.05
3/28/16	CommScope NC	Sale	9,803	\$	8.0858	\$8.00 - \$8.25
3/29/16	CommScope NC	Sale	4,100	\$	8.3568	\$8.22 - \$8.47
3/30/16	CommScope NC	Sale	4,230	\$	8.3680	\$8.25 - 8.53
3/31/16	CommScope NC	Sale	4,429	\$	8.2223	\$8.03 - \$8.46
4/1/16	CommScope NC	Sale	700	\$	8.0143	\$8.00 - \$8.06
4/4/16	CommScope NC	Sale	1,600	\$	8.0363	8.00 - 8.10
4/5/16	CommScope NC	Sale	100	\$	8.0200	\$8.02
4/6/16	CommScope NC	Sale	500	\$	8.0060	\$8.00 - \$8.02
4/7/16	CommScope NC	Sale	700	\$	8.0014	8.00 - 8.01
4/8/16	CommScope NC	Sale	2,780	\$	8.3583	8.24 - 8.44
4/11/16	CommScope NC	Sale	6,320	\$	8.7090	\$8.52 - \$8.83
4/12/16	CommScope NC	Sale	7,730	\$	9.2257	8.89 - 9.58
4/13/16	CommScope NC	Sale	2,600	\$	9.8156	\$9.765 - \$9.89
4/14/16	CommScope NC	Sale	2,600	\$	9.6908	\$9.51 - \$9.91
4/15/16	CommScope NC	Sale	2,300	\$	9.8683	\$9.66 - \$10.07
4/18/16	CommScope NC	Sale	3,800	\$	10.1350	\$10.03 - \$10.27
4/19/16	CommScope NC	Sale	5,274	\$	9.7536	\$9.42 - \$10.09
4/20/16	CommScope NC	Sale	8,167	\$	9.357	\$9.16 - \$9.64