EXFO INC. Form SC 13G February 12, 2016

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

	EXFO INC.	
	(Name of Issuer)	
	Subordinate Voting Share	es without par value
(Title	of Class of Securities)	
	302046107	
	(CUSIP Number) March 20, 2015	
(Date of Event	Which Requires Filing of	this Statement)
Check the appropriate box to de Schedule is filed:	signate the rule pursuan	t to which this
[X] Rule 13d-1(b)		
[_] Rule 13d-1(c)		
[_] Rule 13d-1(d)		
*The remainder of this cover pa initial filing on this form wi and for any subsequent amendme the disclosures provided in a	th respect to the subject nt containing information	t class of securities,
The information required in the deemed to be "filed" for the pu Act of 1934 ("Act") or otherwis of the Act but shall be subject see the Notes).	rpose of Section 18 of the subject to the liability	he Securities Exchange ties of that section
CUSIP NO. 302046107	13G	Page 2 of 8 Pages
(1) NAMES OF REPORTING PERSON I.R.S. IDENTIFICATION NO	S. OF ABOVE PERSONS (ent.	ities only).
Renaissance Technologies	LLC 26-0385758	
(2) CHECK THE APPROPRIATE BOX (a) [_]	IF A MEMBER OF A GROUP (	SEE INSTRUCTIONS):

	(b) [_]	
(3)	SEC USE ONLY	
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	NUMBER OF SHARES	(5) SOLE VOTING POWER 1,214,200
	BY EACH REPORTING	(6) SHARED VOTING POWER 0
		(7) SOLE DISPOSITIVE POWER 1,214,200
		(8) SHARED DISPOSITIVE POWER 700
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  1,214,900	
(10)	CHECK BOX IF THE AGGREGATE AMOUNT I (SEE INSTRUCTIONS)	N ROW (9) EXCLUDES CERTAIN SHARES
(11)	PERCENT OF CLASS REPRESENTED BY AM	OUNT IN ROW (9)
(12)	TYPE OF REPORTING PERSON (SEE INSTR	UCTIONS)
	Page 2 o	f 8 pages
	Page 3 o	======================================
		13G Page 3 of 8 Page
(1)	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF ABOV	
	RENAISSANCE TECHNOLOGIES HOLDINGS C	ORPORATION 13-3127734
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)  (a) [_]  (b) [_]	
(3)	SEC USE ONLY	

Delaware	
	(5) SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED	1,214,200
BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
	0
	(7) SOLE DISPOSITIVE POWER
	1,214,200
	(8) SHARED DISPOSITIVE POWER
	700
(9) AGGREGATE AMOUNT BENEFICIALLY OWNER	D BY EACH REPORTING PERSON
1,214,900	
(10) CHECK BOX IF THE AGGREGATE AMOUNT : (SEE INSTRUCTIONS) [_]	IN ROW (9) EXCLUDES CERTAIN SHARES
(11) PERCENT OF CLASS REPRESENTED BY AN	MOUNT IN ROW (9)
5.46 %	
(12) TYPE OF REPORTING PERSON (SEE INSTI	RUCTIONS)
Page 3 (	of 8 pages
CUSIP NO. 302046107	13G Page 4 of 8 Page:
Item 1.	3
(a) Name of Issuer	
EXFO INC.	
	0.551
(b) Address of Issuer's Principal Ex	
400 Godin Avenue, Quebec, Quebe	ec, canada GIM ZKZ
Item 2.	
(a) Name of Person Filing:	
	ed by Renaissance Technologies LLC logies Holdings Corporation ("RTHC").

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

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

Subordinate Voting Shares without par value

(e) CUSIP Number.

302046107

#### Page 4 of 8 pages

\_\_\_\_\_\_

Item 3. If this statement is filed pursuant to Rule 13d-1 (b) or 13-d-2 (b) or (c), check whether the person filing is a:

- (a) [\_] Broker or dealer registered under section 15 of the Act.
- (b) [\_] Bank as defined in section 3(a)(6) of the Act.
- (c) [\_] Insurance Company as defined in section 3(a)(19) of the Act.
- (d) [\_] Investment Company registered under section 8 of the Investment Company Act.
- (e) [x] Investment Adviser in accordance with Sec.240.13d-1(b)(1)(ii)(E).
- (f) [\_] Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d-1 (b) (1) (ii) (F).
- (g) [\_] Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G).
- (h)  $[\_]$  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (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.
- (j) [\_] Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

(a) Amount beneficially owned.

RTC: 1,214,900 shares

RTHC: 1,214,900 shares, comprising the shares beneficially owned by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

RTC: 5.46 % RTHC: 5.46 %

- (c) Number of shares as to which the person has:
  - (i) sole power to vote or to direct the vote:

RTC: 1,214,200 RTHC: 1,214,200

(ii) Shared power to vote or to direct the vote: 0

(iii) sole power to dispose or to direct the disposition of:

RTC: 1,214,200 RTHC: 1,214,200

(iv) Shared power to dispose or to direct the disposition of:

RTC: 700 RTHC: 700

Page 5 of 8 pages

\_\_\_\_\_\_

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.

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

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 a Group.

Not applicable

Page 6 of 8 pages

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

\_\_\_\_\_\_

#### 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 11, 2016

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See  $18\ U.S.C.\ 1001$ ).

Page 7 of 8 Pages

#### EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the Subordinate Voting Shares without par value of EXFO INC.

Date: February 11, 2016

Renaissance Technologies LLC

By: Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: Mark Silber Vice President

Page 8 of 8 Pages