### EXFO ELECTRO OPTICAL ENGINEERING INC

Form SC 13G/A February 16, 2010

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SCHEDULE 13G
Amendment No. 1
EXFO Electro-Optical Engineering Incorporated
Subordinate Voting Shares
Cusip #302043104
Cusip #302043104
Item 1: Reporting Person - FMR LLC
Item 4: Delaware
Item 5: 650,000
Item 6: 0
Item 7: 650,000
Item 8: 0
Item 9: 650,000
Item 11: 2.857%
Item 12:
Cusip #302043104
Item 1: Reporting Person - Edward C. Johnson 3d
Item 4: United States of America
Item 5: 0
Item 6: 0
Item 7: 650,000
Item 8: 0
Item 9: 650,000
Item 11: 2.857%
Item 12:
               IN
        SCHEDULE 13G - TO BE INCLUDED IN
STATEMENTS
       FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)
Item 1(a).
              Name of Issuer:
               EXFO Electro-Optical Engineering
Incorporated
Item 1(b).
               Name of Issuer's Principal Executive Offices:
                400 Godin Avenue
                Quebec, Quebec G1M 2K2
                Canada
Item 2(a).
               Name of Person Filing:
               FMR LLC
Item 2(b).
              Address or Principal Business Office or, if None,
Residence:
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82 Devonshire Street, Boston,

Massachusetts 02109

Item 2(c). Citizenship:

Not applicable

Item 2(d). Title of Class of Securities:

Subordinate Voting Shares

Item 2(e). CUSIP Number:

302043104

Item 3. This statement is filed pursuant to Rule 13d-1(b) or 13d-2(b) and the person filing, FMR LLC, is a parent holding company in accordance with Section 240.13d-1(b) (ii) (G). (Note: See Item 7).

Item 4. Ownership

- (a) Amount Beneficially Owned: 650,000
- (b) Percent of Class: 2.857%
- (c) Number of shares as to which such person has:
- (i) sole power to vote or to direct the vote: 650,000
- $\hspace{1cm} \mbox{(ii)} \hspace{0.5cm} \mbox{shared power to vote or to} \\ \mbox{direct the vote:} \hspace{0.5cm} \mbox{0}$
- (iii) sole power to dispose or to direct the disposition of: 650,000
- (iv) shared power to dispose or to direct the disposition of:  $\ 0$

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 (X).

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.

See attached Exhibit A.

Item 8. Identification and Classification of Members of

the Group.

Not applicable. See attached Exhibit A.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

Inasmuch as the reporting persons are no longer the beneficial owners of more than five percent of the number of shares outstanding, the reporting persons have no further reporting obligation under Section 13(d) of the Securities and Exchange Commission thereunder, and the reporting persons have no obligation to amend this Statement if any material change occurs in the facts set forth herein.

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.

February 12, 2010 Date

/s/ Scott C. Goebel Signature

Scott C. Goebel
Duly authorized under Power of Attorney
effective as of June 1, 2008 by and on behalf of FMR LLC
and its direct and indirect subsidiaries

SCHEDULE 13G - TO BE INCLUDED IN STATEMENTS

FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b)

Pyramis Global Advisors, LLC ("PGALLC"), 900
Salem Street, Smithfield, Rhode Island, 02917, an indirect
wholly-owned subsidiary of FMR LLC and an investment
adviser registered under Section 203 of the Investment
Advisers Act of 1940, is the beneficial owner of 650,000
shares or 2.857% of the outstanding Subordinate Voting
Shares of EXFO Electro-Optical Engineering Incorporated as
a result of its serving as investment adviser to institutional
accounts, non-U.S. mutual funds, or investment companies
registered under Section 8 of the Investment Company Act of
1940 owning such shares.

Edward C. Johnson 3d and FMR LLC, through its control of PGALLC, each has sole dispositive power over 650,000 shares and sole power to vote or to direct the voting of 650,000 shares of Subordinate Voting Shares owned by the institutional accounts or funds advised by PGALLC as reported above.

Members of the family of Edward C. Johnson 3d,

Chairman of FMR LLC, are the predominant owners, directly or through trusts, of Series B voting common shares of FMR LLC, representing 49% of the voting power of FMR LLC. The Johnson family group and all other Series B shareholders have entered into a shareholders' voting agreement under which all Series B voting common shares will be voted in accordance with the majority vote of Series B voting common shares. Accordingly, through their ownership of voting common shares and the execution of the shareholders' voting agreement, members of the Johnson family may be deemed, under the Investment Company Act of 1940, to form a controlling group with respect to FMR LLC.

SCHEDULE 13G - TO BE INCLUDED IN STATEMENTS

FILED PURSUANT TO RULE 13d-1(b) or 13d-2(b) RULE 13d-1(f)(1) AGREEMENT

The undersigned persons, on February 12, 2010, agree and consent to the joint filing on their behalf of this Schedule 13G in connection with their beneficial ownership of the Subordinate Voting Shares of EXFO Electro-Optical Engineering Incorporated at December 31, 2009.

FMR LLC

By /s/ Scott C. Goebel Scott C. Goebel

Duly authorized under Power of Attorney effective as of June 1, 2008, by and on behalf of FMR LLC and its direct and indirect subsidiaries  $\frac{1}{2}$ 

Edward C. Johnson 3d

By /s/ Scott C. Goebel Scott C. Goebel

Duly authorized under Power of Attorney effective as of June 1, 2008, by and on behalf of Edward C. Johnson 3d