

PENTAIR plc  
Form 4  
September 30, 2016

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Maskara Alok

(Last) (First) (Middle)  
5500 WAYZATA BLVD., SUITE 600  
(Street)

GOLDEN VALLEY, MN 55416

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
PENTAIR plc [PNR]

3. Date of Earliest Transaction (Month/Day/Year)  
09/28/2016

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
President Technical Solutions

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
				(A) or (D) Code V Amount (D) Price			
Common Shares	09/28/2016		F <sup>(1)</sup>	1,346 D \$ 63.28	14,965 <sup>(2)</sup>	D	
Common Shares - Restricted Stock Units					12,877 <sup>(2)</sup>	D	
Common Shares - Deferral Plan					192.702 <sup>(4)</sup> <sup>(3)</sup>	I	Plan Agent
					591.4382 <sup>(4)</sup>	I	By ESOP

Common  
Shares -  
ESOP

Common  
Shares -  
ESPP

339.273 <sup>(5)</sup> D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
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## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Maskara Alok 5500 WAYZATA BLVD., SUITE 600 GOLDEN VALLEY, MN 55416			President Technical Solutions	

## Signatures

/s/ John K. Wilson, Attorney-in-Fact for Alok Maskara  
Date: 09/30/2016

\*\*Signature of Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

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- (1) Shares surrendered to pay taxes applicable to vesting of restricted stock units.
- (2) End-of-period holdings reflect the vesting of restricted stock units that were previously reported.
- (3) Shares of Pentair Ltd. common shares will be delivered to the reporting person in accordance with their irrevocable deferral election.
- (4) End-of-period holdings include shares acquired under a dividend reinvestment plan in exempt transactions not required to be reported pursuant to Section 16(a).
- (5) End-of-period holdings include monthly purchase(s) under the Pentair Ltd. Employee Stock Purchase and Bonus Plan (ESPP) in exempt transaction(s) pursuant to Rule 16b-3(c); and shares acquired pursuant to a dividend reinvestment feature of the ESPP.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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