Macey Christopher Form 4 April 30, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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Form filed by More than One Reporting

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OMB APPROVAL

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Check this box

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

Macey Christopher			2. Issuer Name and Ticker or Trading Symbol	Issuer			
			APPLIED INDUSTRIAL TECHNOLOGIES INC [AIT]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner Officer (give title Other (specif			
ONE APPLIED PLAZA			04/29/2018	below) below) Corporate Controller			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person			

CLEVELAND, OH 44115

(State)

(Zin

(City)

(City)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								ly Owned		
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired			5. Amount of	6. Ownership	7. Nature of		
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Disposed of		Securities	Form: Direct	Indirect			
(Instr. 3)		any	Code	(D)			Beneficially	(D) or	Beneficial		
		(Month/Day/Year)	(Instr. 8)	(Instr. 3, 4 and 5)			Owned	Indirect (I)	Ownership		
							Following	(Instr. 4)	(Instr. 4)		
					(4)		Reported				
					(A)		Transaction(s)				
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)				
Common Stock	04/29/2018		F	389	D	\$ 64.7	5,594	D			

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

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Person

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

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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. Transactio Code (Instr. 8)	5. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Macey Christopher

ONE APPLIED PLAZA Corporate Controller

CLEVELAND, OH 44115

Signatures

/s/ Dianne Misenko POA for Christopher

Macey 04/30/2018

**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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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