McMahon Robert W. Form 3 September 05, 2018

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF

SECURITIES

response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting 2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol Person * Statement AGILENT TECHNOLOGIES INC [A] McMahon Robert W. (Month/Day/Year) 09/01/2018 (Last) (First) (Middle) 4. Relationship of Reporting 5. If Amendment, Date Original Person(s) to Issuer Filed(Month/Day/Year) 5301 STEVENS CREEK BLVD. (Check all applicable) (Street) 6. Individual or Joint/Group Filing(Check Applicable Line) 10% Owner Director _X_ Form filed by One Reporting _X__ Officer Other Person SANTA CLARA, Â CAÂ 95051 (give title below) (specify below) Form filed by More than One Sr. VP and CFO Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Beneficially Owned 4. Nature of Indirect Beneficial 1. Title of Security 2. Amount of Securities Beneficially Owned Ownership Ownership (Instr. 4) (Instr. 4) Form: (Instr. 5) Direct (D) or Indirect (I) (Instr. 5) D Â Common Stock 26,635 (1) Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly. Persons who respond to the collection of information contained in this form are not

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

required to respond unless the form displays a

currently valid OMB control number.

1. Title of Derivative Security (Instr. 4)	rivative Security 2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise	ise Form of	6. Nature of Indirect Beneficial Ownership (Instr. 5)
					Price of	Derivative	
	Date Exercisable	Expiration Date	Title	Amount or Number of	Security	Security: Direct (D)	
						or Indirect	

Shares

(I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer

Other

McMahon Robert W.

5301 STEVENS CREEK BLVD. SANTA CLARA, CAÂ 95051 \hat{A} \hat{A} \hat{A} Sr. VP and CFO \hat{A}

Signatures

/s/ P. Diana Chiu, attorney-in-fact for Mr. McMahon

08/21/2018

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) Restricted Stock Units granted under the Agilent Technologies, Inc. 2018 Stock Plan, in compliance with Rule 16b-3. The restricted stock units vest in four equal annual installments beginning on August 3, 2019.

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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