

Mines Andrew  
Form 3  
February 20, 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**

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 *		2. Date of Event Requiring Statement	3. Issuer Name <b>and</b> Ticker or Trading Symbol	
Â Mines Andrew		(Month/Day/Year)	ILLINOIS TOOL WORKS INC [ITW]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		02/15/2018		
155 HARLEM AVE.			(Check all applicable)	6. Individual or Joint/Group Filing(Check Applicable Line)
(Street)			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner	<input checked="" type="checkbox"/> Form filed by One Reporting Person
			<input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other	<input type="checkbox"/> Form filed by More than One Reporting Person
GLENVIEW,Â ILÂ 60025			(give title below) (specify below)	
(City)	(State)	(Zip)	Executive Vice President	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	539	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

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

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

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				Shares		(I) (Instr. 5)	
Employee Stock Option	02/13/2016 <sup>(1)</sup>	02/13/2025	Common Stock	2,430	\$ 98.26	D	Â
Employee Stock Option	02/10/2018 <sup>(1)</sup>	02/10/2027	Common Stock	5,777	\$ 128	D	Â
Employee Stock Option	02/14/2015	02/14/2024	Common Stock	1,375	\$ 78.59	D	Â
Employee Stock Option	02/12/2017 <sup>(1)</sup>	02/12/2026	Common Stock	3,747	\$ 91.88	D	Â
Performance Share Units (granted 2/10/17) <sup>(2)</sup> <sup>(3)</sup>	Â <sup>(4)</sup>	Â <sup>(4)</sup>	Common Stock	616	\$ 0	D	Â
Restricted Stock Unit (granted 2/12/2016) <sup>(2)</sup>	Â <sup>(5)</sup>	Â <sup>(5)</sup>	Common Stock	1,088	\$ 0	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mines Andrew 155 HARLEM AVE. GLENVIEW, IL 60025	Â	Â	Â Executive Vice President	Â

## Signatures

Andrew Mines, by Janet O. Love, Deputy General Counsel & Assistant Secretary,  
Attorney-In-Fact on File

02/20/2018

\*\*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) Options vest in four (4) equal annual installments beginning one year from date of grant.
- (2) Each restricted stock unit (RSU) and performance share unit (PSU) represents a contingent right to receive one share of the Company's common stock.
- (3) PSUs accrue dividends in shares of common stock, subject to fulfillment of vesting period and performance goals; the PSUs shown include dividend equivalents accrued, if any, to date.
- (4) Each PSU vests 100% three years from date of grant if performance goals are met.
- (5) Each RSU vests 100% three years from the date of grant.

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.