FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL								
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(b) of the Investment Company Act of 1940

	UI Jeci	1011 30(11) 01	the investment Company Act of 194	+0						
Plut Stephen C	Date of Event Requiring Stater Month/Day/Yea 15/10/2005	ment	3. Issuer Name and Ticker or Tradi MINE SAFETY APPLI	<u>CO</u> [MS	A]					
(Last) (First) (Middle) 121 GAMMA DRIVE			Relationship of Reporting Person (Check all applicable) Director	n(s) to Issue	(Mo	5. If Amendment, Date of Original Filed (Month/Day/Year)				
RIDC INDUSTRIAL PARK			X Officer (give title below)	Other (spe below)	1 0.1	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person				
(Street)			Vice Presiden	ent						
PITTSBURGH 15238						Form filed by More than One Reporting Person				
(City) (State) (Zip)										
т	able I - Nor	n-Derivat	ive Securities Beneficially	/ Owned						
1. Title of Security (Instr. 4)			Beneficially Owned (Instr. 4)			lature of Indirect Beneficial Ownership tr. 5)				
Common Stock, no par value		21,283	D							
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	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)			
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivative Security	Direct (D) or Indirect (I) (Instr. 5)				
Incentive Stock Option	02/23/2008	02/23/2015	Common Stock, no par value	2,189	45.68	D				
Incentive Stock Option	03/09/2005	03/09/2014	Common Stock, no par value	3,989	25.065	D				
Non-statutory Stock Option	02/23/2008	02/23/2015	Common Stock, no par value	4,263	45.68	D				
Non-statutory Stock Option	03/09/2005	03/09/2014	Common Stock, no par value	2,850	25.065	D				

Explanation of Responses:

Remarks:

Douglas K. McClaine,

Attorney in Fact, Power of 05/17/2005

<u>Attorney</u>

** Signature of Reporting Person Date

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

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

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 Number.

 $^{^{\}star}$ 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).