LUFKIN INDUSTRIES INC

Reported by SMITH DOUGLAS V

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 03/31/10 for the Period Ending 03/22/10

Address P O BOX 849

LUFKIN, TX 759020849

Telephone 9366342211

CIK 0000060849

Symbol LUFK

SIC Code 3560 - General Industrial Machinery And Equipment

Industry Constr. & Agric. Machinery

Sector Capital Goods

Fiscal Year 01/07



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

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

ON OMB APPROVAL
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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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *				2. Is	2. Issuer Name and Ticker or Trading Symbol							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
SMITH DOUG	LAS V			LU	FKIN I	NDUS	[R	IES I	NC []	LUF	'K]						
(Last) (First) (Middle)				3. D	ate of Ea	rliest Tra	nsac	ction (M	IM/DD/Y	YYY)	X Director	X Director 10% Owner					
, ,	` ′	`	,								Officer (given	ve title belov	v)	Other (spec	ify below)		
P. O. BOX 849						3/2	22/2	2010									
(Street)					4. If Amendment, Date Original Filed (MM/DD/YYYY)							6. Individual or Joint/Group Filing (Check Applicable Line)					
LUFKIN, TX 7	5902																
(City) (State) (Zip)											X_Form filed by One Reporting Person Form filed by More than One Reporting Person						
		Tal	ole I - No	n-Deriva	ative Sec	urities A	cqu	ired, D	ispose	d of,	or Beneficially Ow	ned	•				
1.Title of Security (Instr. 3)			2. Trans. Date	2A. Deemed Execution Date, if	3. Trans Code (Instr. 8	(A) or Disposed of (Instr. 3, 4 and 5) (A) or			of (D)		nount of Securities Beneficially Owned wing Reported Transaction(s) 3 and 4)		Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Common Stock				3/22/201	0	G	\top	3000	D \$	77.65	100	00		D			
,	Table II -	Derivat	ive Secur	ities Bei	neficially	Owned	(e.g	, put	s, calls	war	rants, options, conv	vertible s	ecurities)				
1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security			4. Trans. Code (Instr. 8)	le Derivative Se		and Expiration Date Securiti Derivat				tle and Amount of rities Underlying vative Security r. 3 and 4)	(Instr. 5)	of derivative Securities	Ownership Form of Derivative	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	/ (A)	(D)	Date Exe	rcisable	Expiratio Date	Title	Amount or Number of Shares		Reported Transaction (s) (Instr. 4)	(I) (Instr. 4)			

Explanation of Responses:

Reporting Owners

Paparting Owner Name / Address	Relationships							
Reporting Owner Name / Address	Director	10%	Owner	Officer	Other			
SMITH DOUGLAS V								
P. O. BOX 849	X							
LUFKIN, TX 75902								

Signatures

 Douglas V. Smith
 3/31/2010

 ** Signature of Reporting Person
 Date

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

- * 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.

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.