Teirlinck Didier P Form 144 August 28, 2012

OMB APPROVAL

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SEC USE ONLY DOCUMENT SEQUENCE NO.

CUSIP NUMBER

WORK LOCATION

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 144

NOTICE OF PROPOSED SALE OF SECURITIES

PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

ATTENTION: Transmit for filing 3 copies of this form concurrently with either placing an order with a broker to execute sale or executing a sale directly with a market maker.

 $\begin{array}{c} \textit{(b) IRS} \\ \textit{1 (a) NAME OF ISSUER (Please type or print)} \end{array} \qquad \begin{array}{c} \textit{(b) IRS} \\ \textit{IDENT.} \\ \textit{NO} \end{array}$

NO. NO.

Ingersoll-Rand plc 98-0626632 98-0626632

1 (d) ADDRESS OF

ISSUER STREET CITY (e) TELEPHONE

STATE ZIP CODE NO.

AREA CODE NUMBER

170/175 Lakeview Drive, Airside Business Park, Swords, Co. +(353)(0) 1870-7400

Dublin Ireland (c) ADDRESS STREET

(c) ADDRESS STREET CITY
(b) STATE ZIP CODE

2 (a) NAME OF PERSON FOR WHOSE ACCOUNT THE SECURITIES ARE TO BE SOLD

(b) S17
RELATIONSHIP TO ISSUER

Didier Teirlinck

Officer

170/175 Lakeview Drive, Airside
Business Park, Swords, Co. Dublin

Ireland

INSTRUCTION: The person filing this notice should contact the issuer to obtain the I.R.S. Identification Number and the S.E.C. File Number.

(d)

(e)

(f)

(g)

(c)

SEC USE

ONLY

3 (a)

(b)

Title of the Class of Securities To Be Sold	Name and Address of Each Broker Through Whom the Securities are to be Offered or Each Market Mak who is Acquiring th Securities	File Number er	Number of Shares or Other Units To Be Sold (See instr. 3(c))	Market Value (See ins	Units Outsta	Approximate	Name of Each Securities Exchange (See instr. 3(g))	
	UBS Financia Services	nl		\$120,837.08				
Ordinary Shares	1285 Avenue of the Americas New York, New York 10019		2,611	(as of August 27, 201	308,25. (as of July 13 2) 2012)	August 28 2013	012 NYSE	
	INSTRUCTI	ONS:		3.	(a)	Title of the class of securities to be sold		
	1. (a) (b) (c) (d) (e) (f) (g)	Name of issuer Issuer's I.R.S. Identification Number Issuer's S.E.C. file number, if any Issuer's address, including zip code Issuer's telephone number, including area code Approximate date on which the securities are to be sold Name of each securities exchange, if any, on which the securities are		g	(b) No the in No the in No the As the in No the As the in No the i	Name and address of each broker through whom the securities are intended to be sold Number of shares or other units to be sold (if debt securities, give the aggregate face amount) Aggregate market value of the securities to be sold as of a specified date within 10 days prior to the filing of this notice Number of shares or other units of outstanding, as shown by the most		

intended to be sold

2. (a) Name of person for whose account the securities are to be sold Such person's relationship to the issuer (e.g., officer, director,

- (b) 10% stockholder, or member of immediate family of any of the foregoing)
- (c) Such person's address, including zip code

the class outstanding, or if debt securities the face amount thereof recent report or statement published by the issuer

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 control number.

SEC 1147 (08-07)

TABLE I - SECURITIES TO BE SOLD

Furnish the following information with respect to the acquisition of the securities to be sold

and with respect to the payment of all or any part of the purchase price or other consideration therefor:

Title of the Class	Date you Acquired	Nature of Acquisition Transaction		Amount of Securities Acquired	Date of Payment	Nature of Payment
Ord Sha	inary res August 28, 2012	Exercise of stock appreciation rights	Ingersoll-Raple	and 2,611	August 28, 2012	Forfeiture of shares

INSTRUCTIONS: If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

TABLE II - SECURITIES SOLD DURING THE PAST 3 MONTHS

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

Gross Proceeds

Name and Address of Seller Title of Securities Sold Date of Sale Securities Sold

REMARKS:

ATTENTION:

INSTRUCTIONS:

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If each person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

August 28, 2012 DATE OF NOTICE /s/ S. Wade Sheek, Attorney-In-Fact (SIGNATURE)

DATE OF PLAN ADOPTION OR GIVING OF INSTRUCTION,

The notice shall be signed by the person for whose account the securities are

IF RELYING ON RULE 10B5-1

to be sold. At least onecopy of the notice shall be manually signed.

Any copies not manually signed shall bear typed o printed signatures.

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)