

# FLAME ARRESTER APPLICATION QUESTIONNAIRE



The information below is required in order for us to help you choose the appropriate flame arrester model for your application.

CUSTOMER:

<b>PROCESS</b>	Gas Group ( <i>choose one</i> ):	<b>NEC</b> <input type="checkbox"/> METHANE <input type="checkbox"/> D <input type="checkbox"/> C	<b>IEC</b> <input type="checkbox"/> IIA1 <input type="checkbox"/> IIA <input type="checkbox"/> IIB3	
	Operational Pressure	_____		
	Operational Temperature	_____		
	Maximum Pressure Drop	_____		
	Required Flow	_____		
<b>INSTALLATION</b>	Run-Up Length (L)	_____		
	Flange Size (D)	_____		
	Run-Up Length Ratio (L/D)	_____		
	Orientation ( <i>choose one</i> ):	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal		
	Mounting ( <i>choose one</i> ):	<input type="checkbox"/> In-Line <input type="checkbox"/> End-of-Line		

**FOR ATEX APPLICATIONS: refer to ISO 16852, Section 7.4 Limits for use, for more information on the application limits of flame arresters.**

- Definitions:**
- Run-Up Length (L): pipe length on the unprotected side of the flame arrester (see diagram - tested with straight pipe)
  - Run-Up Length Ratio (L/D): run-up length divided by pipe diameter

		<b>GROTH CORPORATION</b> 13650 N. Promenade Blvd. Stafford, TX 77477 Ph (281) 295-6800   Fax (281) 295-6999 sales@grothcorp.com   grothcorp.com	<a href="http://www.grothcorp.com">www.grothcorp.com</a> 
--	--	---	--

**THE NETHERLANDS**  
 Energieweg 20  
 2382 NJ Zoeterwoude-Rijndijk  
 The Netherlands  
 Ph +(31) 71 5412221 | Fax +(31) 71 5414361  
 cdcnl@contdisc.com

**CHINA**  
 Room 910, Tower B, COFCO Plaza  
 No. 8 JianGuoMenNei Avenue  
 Beijing (100005), P.R. China  
 Ph +(86) 10 522 4885 | Fax +(86) 10 6522 2885  
 cdcchina@contdisc.com

**INDIA**  
 423/P/1, Mahagujarat Industrial Estate, Moraiya,  
 Sarkhej-Bavla Road, Ahmedabad (GJ)  
 382213 INDIA  
 Ph +(91) 2717 619 333 | Fax +(86) 10 6522 2885  
 gcimpl@contdisc.com