



Twin City Fan Companies, Ltd.

Designers & Manufacturers of Air Moving Equipment

ATEX Customer Inquiry Form

The following information must be provided by the end-user to Twin City Fan Companies, Ltd. for all ATEX applications.

In addition to the fan duty requirements, to assist Twin City Fan Companies, Ltd. to provide a quotation for use in a hazardous atmosphere and to comply with ATEX Directive 94/9/EC (EN 14986), please complete the table below.

Hazardous Area Details		Inside Fan Casing	Outside Fan Casing **
Zone Classification *	Zone 0 or 20	*	*
	Zone 1 or 21	*	*
	Zone 2 or 22		
Category *	Category 1D or 1G	*	*
	Category 2D or 2G	*	*
	Category 3D or 3G		
Temperature Class (gas only) i.e. T1, T2, ... T6 <i>- or -</i>			
Ignition temperature of gas (°C) <i>- or -</i>			
Max. allowable surface temperature of equipment			
Ignition temperature of dust (°C), if applicable:			

Operation Details

Gas or Dust composition? Identify Group & Composition i.e. Gas Group IIB (Mixture of air and 5% Ethylene)	
How is the fan installed? i.e. ducted inlet/open outlet	
Description of fan operation: i.e. cycling, variable speed, etc If fan is started and/or controlled with a variable frequency/speed drive, confirm switching frequency.	
Any extreme environmental conditions? i.e. high ambient temperature, corrosive or dirty environment which may cause build-up, etc.	

Do you accept all documentation in English only? If no, specify primary language of the country of use for documentation.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
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In Zone	Applicable Category***	If designed for
0	1G	gas/air mixture or vapor/air mixture or mist/air mixture
1	1G or 2G	gas/air mixture or vapor/air mixture or mist/air mixture
2	1G or 2G or 3G	gas/air mixture or vapor/air mixture or mist/air mixture
20	1D	dust/air mixture
21	1D or 2D	dust/air mixture
22	1D or 2D or 3D	dust/air mixture

* Twin City Fan Companies, Ltd only provides fans for Category 3 and Zone 2 or 22.

** No more than one category step lower than for "inside fan casing". It is advised that the outside of the fan casing is assumed the same as the inside for Category 3 fans.

*** The relation between Zone and Category taken from draft EN CEN/TC305/WG2/SG1 N107-2; 2003 Annex D table D2

Project (Application) Details: _____

Purchaser Information

Company Name: _____
 Contact Name: _____
 Position: _____
 Primary Activity: _____

Signature: _____

Date: _____

End User Information

Company Name: _____
 Contact Name: _____
 Position: _____
 Primary Activity: _____

Signature: _____

Date: _____