

ATEX 94/9/EC FAN ENQUIRY FORM

CEN/TC305/WG2/SG1 N 78-2, Design of fans working in potentially explosive atmospheres Group II Machines, non-mining

In addition to the fan duty requirements, to assist us to produce a quotation for a fan for use in a hazardous atmosphere and to comply with ATEX Directive 94/9/EC, please complete the table below.

Hazardous Area Details		Inside Fan Casing	Outside Fan Casing
*Zone & Category Classification <i>For gas hazard</i>	Category 1G (Zone 0)		
	Category 2G (Zone 1)		
	Category 3G (Zone 2)		
*Zone & Category Classification <i>For dust hazard</i>	Category 1D (Zone 20)		
	Category 2D (Zone 21)		
	Category 3D (Zone 22)		
Temperature Class (gas only) eg. T3, T4T6			
Max allowable surface Temp of equipment (°C) **			
Ignition Temp of dust (°C) if applicable			
Operation Details			
Gas or Dust composition? e.g. mixture of air and 5% Ethylene, Gas Group IIB			
How is the fan Installed? i.e ducted inlet/open outlet			
Description of fan operation			
Any extreme environmental conditions? e.g. high ambient temperatures, corrosive or dirty environment which may cause build up etc.			
Will fan be started/controlled via VSD (inverter)? If yes, please confirm VSD switching frequency			

**** If hazard is both gas and dust, tick both**

**** If unknown, we will use the relation of Temp Class and Max Surface Temp per table 3 of CEN/TC305/WG2/SG1 N78-2**

