

Hazardous Locations Applications

ATEX - Customer Questionnaire

Please complete all relevant sections of this document. This information is needed to ensure that we can fully understand your requirements and provide you with the correct product. For help in completing this form please contact your local Leybold sales team.

Section 1 – Customer Contact Details

Submitter	Contact partner at the customer responsible for the project
Name of Contact	
Position/Role	
Company Name	
Address	
Postcode	
Country	
Email Address	
Telephone Number	
Fax Number (if available)	
Website URL (if available)	

Section 2 – Hazardous Location Scheme

	ATEX (Mandatory for use within the EU)	ATEX “EU Type Examination” certificates are provided for ATEX Category 1 equipment & Category 2 electrical equipment. ATEX “Type Examination” certificates may be provided for Category 2 non-electrical and Category 3 equipment as required. Please contact our Sales team to discuss.	
Other – Please provide details		(e.g., IECEx, US (NEC), Canadian (CEC), Russian (EAC), Korean, Chinese, Indian, Brazilian, etc.)	

Section 3 – Application & Operating Conditions

For this information, please refer to your site’s explosion protection document. According to ATEX workplace directive 1999/92/EC a plant operator is required to create such a document, in which the zoning must be specified. Zoning must be considered separately for the external (ambient) and internal (process) environments for the location in which the pump will be installed.

If you are unsure, please discuss with our sales team. However, Leybold must rely on the information supplied by the customer in this regard and cannot independently validate or confirm the specifics of your application.

Type of application, e.g., freeze drying, steel degassing, etc.	
Please state any other information which may be relevant to this application or attach as a separate document to this application: (e.g., construction material limitations due to pumped process gases)	
Model name or Cat.-No. of requested pump	
Ambient (external) temperature range (Standard is -20°C to +40 °C)	Unless otherwise stated here, a standard range will be assumed
Ambient (external) pressure range (Standard is 0.8 bar to 1.1 bar)	Contact our sales team if equipment is intended to be used outside the 0.8 bar to 1.1 range

External (Ambient) Zone								
GAS (Please mark with an 'X')	Zone 0 / Cat 1		Zone 1 / Cat 2		Zone 2 / Cat 3		Safe Area	
DUST (Please mark with an 'X')	Zone 20 / Cat 1		Zone 21 / Cat 2		Zone 22 / Cat 3		Safe Area	

Internal (Process) Zone								
GAS (Please mark with an 'X')	Zone 0 / Cat 1		Zone 1 / Cat 2		Zone 2 / Cat 3		Safe Area	
DUST (Please mark with an 'X')	Zone 20 / Cat 1		Zone 21 / Cat 2		Zone 22 / Cat 3		Safe Area	

Gas/Dust Group (External)								
GAS (Please mark with an 'X')	IIC		IIB+H2		IIB		IIA	
DUST (Please mark with an 'X')	IIIC				IIIB		IIIA	

Gas/Dust Group (Internal)								
GAS (Please mark with an 'X')	IIC		IIB+H2		IIB		IIA	
DUST (Please mark with an 'X')	IIIC				IIIB		IIIA	

Temperature Rating (External)											
T6 (Max 85°C)		T5 (Max 100°C)		T4 (Max 135°C)		T3 (Max 200°C)		T2 (Max 300°C)		T1 (Max 450°C)	

Temperature Rating (Internal)											
T6 (Max 85°C)		T5 (Max 100°C)		T4 (Max 135°C)		T3 (Max 200°C)		T2 (Max 300°C)		T1 (Max 450°C)	

Section 4 – Customers Signature

The applicant confirms that the information provided in this form is correct to the best of their knowledge, and that Leybold shall be informed if this information changes or is found to be inaccurate.	
Signature:	
Print Name:	Date: