

## Groups and categories of equipment to be used in potentially explosive atmospheres according to ATEX (94/9/ES, NV23/2003)

<b>Group I</b> Includes equipment used in underground areas of mines and those areas of opencast mines that might be at risk due to firedamp and/or inflammable dust		<b>Group II</b> Includes equipment used in other areas that might be at risk due to an explosive environment.					
<b>Category M</b>		<b>Category 1</b>		<b>Category 2</b>		<b>Category 3</b>	
1	2	Gases, fumes, fogs (G)	Dust/air mixture (D)	Gases, fumes, fogs (G)	Dust/air mixture (D)	Gases, fumes, fogs (G)	Dust/air mixture (D)
		(Zone 0)	(Zone 20)	(Zone 1)	(Zone 21)	(Zone 2)	(Zone 22)
This equipment is equipped with special devices in order to ensure a <b>very high level of protection.</b>	This equipment is equipped with special devices in order to ensure a <b>high level of protection.</b>	This category includes equipment, which is designed in order to be operational and ensure a <b>very high level of protection.</b>		This category includes equipment, which is designed in order to be operational and ensure a <b>high level of protection.</b>		This category includes equipment, which is designed in order to be operational and ensure a <b>standard level of protection.</b>	
		Equipment is designed to be used in areas with <b>permanent, long lasting</b> , or frequently explosive environment.		Equipment is designed to be used in areas with <b>possible accidental</b> occurrence of explosive environment.		Equipment is designed to be used in areas with <b>rather improbable</b> occurrence of explosive environment. If such a situation occurs, only rarely and for a short time.	