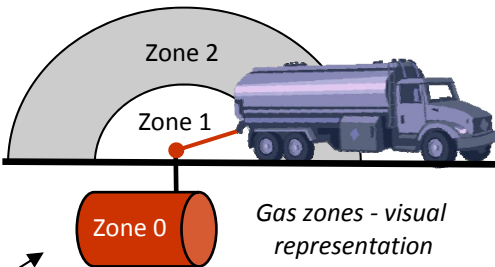


Product Marking



II 2 GD EEx d IIB T6

EU Explosive atmosphere symbol	Equipment group	Equipment category	Gas / Dust	Gas Groups	Temp Code	Max Surface Temp Deg C																																
I Mining: M1= Energised M2 = De-energised II Non-Mining:	1 = Very high protection 2 = High protection 3 = Normal protection		Zones: <table border="1"> <thead> <tr> <th>Gas</th> <th>Dust</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>20</td> </tr> <tr> <td>1</td> <td>21</td> </tr> <tr> <td>2</td> <td>22</td> </tr> </tbody> </table>	Gas	Dust	0	20	1	21	2	22	<table border="1"> <thead> <tr> <th>Gas Group</th> <th>Sample gas</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Methane (mining only)</td> </tr> <tr> <td>IIA</td> <td>Propane</td> </tr> <tr> <td>IIB</td> <td>Ethylene</td> </tr> <tr> <td>IIC</td> <td>Hydrogen</td> </tr> </tbody> </table>	Gas Group	Sample gas	I	Methane (mining only)	IIA	Propane	IIB	Ethylene	IIC	Hydrogen	<table border="1"> <thead> <tr> <th>Temp Code</th> <th>Max Surface Temp Deg C</th> </tr> </thead> <tbody> <tr> <td>T1</td> <td>450</td> </tr> <tr> <td>T2</td> <td>300</td> </tr> <tr> <td>T3</td> <td>200</td> </tr> <tr> <td>T4</td> <td>135</td> </tr> <tr> <td>T5</td> <td>100</td> </tr> <tr> <td>T6</td> <td>85</td> </tr> </tbody> </table>	Temp Code	Max Surface Temp Deg C	T1	450	T2	300	T3	200	T4	135	T5	100	T6	85	
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Type of protection	Cenelec Code
Intrinsic safety	EEx ia / ib
Increased safety	EEx e
Flameproof	EEx d
Pressurisation	EEx p
Powder filling	EEx q
Encapsulation	EEx m
Oil immersion	EEx o
Type 'n'	EEx n

Zone Definitions		
Zones		Definitions
Gas	Dust	
0	20	A place in which an explosive atmosphere is continuously present
1	21	A place in which an explosive atmosphere is likely to occur in normal operation occasionally
2	22	A place in which an explosive atmosphere is not likely to occur in normal operation but if it does, only occurs for short periods

Categories	
ATEX Category	Typical Zone Suitability
1G 1D	Equipment suitable for Zone 0 Equipment suitable for Zone 20
2G 2D	Equipment suitable for Zone 1 Equipment suitable for Zone 21
3G 3D	Equipment suitable for Zone 2 Equipment suitable for Zone 22