


Explosion Proof Marking

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
CE	2004		II	2	G	Ex d	IIC	T6	Gb	IP66	-40°C ≤ Tamb ≤ +60°C
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
	①		CE mark								
	②		Identification number of the notified body								
	③		Marking for equipment for use in explosive atmosphere								
	④		Explosion Proof group 'I'=Mines, 'II'=Surface industries								
	⑤		'1'=Zone 0, '2'=Zone 1, '3'=Zone 2								
	⑥		'M'=methane gas, 'G'=gas, 'D'= dust								
	⑦		Types of protection								
	⑧		Equipment groups								
	⑨		Temperature class								
	⑩		'Ga'=Zone 0, 'Gb'= Zone 1, 'Gc'=Zone 2								
	⑪		Protection rating(IP)								
	⑫		Ambient operating temperature								

Area Classification

Classification of flammable material according to NEC500.

AREA CLASSIFICATION			
	Continuous hazard	Intermittent hazard	Possible hazard
IEC/CENELEC	Zone 0 Zone 20(DUST)	Zone 1 Zone 21(DUST)	Zone 2 Zone 22(DUST)
NEC505	Zone 0	Zone 1	Zone 2
USA	NEC500 CLASSI(GAS) CLASSII(DUST) CLASSIII(FIBERS)	DIVISION 1	DIVISION 2