Information to be completed by USER for equipment that may be used in potentially explosive atmospheres

		√	PLEASE TICK	
1	UN-ZONED AREA		Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR/ATEX) NOT APPLICABLE	
2	Potentially explosive atmosphere of air and		GAS/VAPOUR	
			DUST	
3	Zone classification the machine will be installed in (group II)		0	(Gas/Vapour)
			1	(Gas/Vapour)
			2	(Gas/Vapour)
			20	(Dust)
			21	(Dust)
			22	(Dust)
4	Allowable surface temperature (group II)		T6 (85 C)	
			T5 (100 C)	
			T4 (135 C)	
			T3 (200 C)	
			T2 (300 C)	
			T1 (450 C)	
5	Dust characteristic		Conductive	
			Non-Conductive	

	Type of dust/gas:	
	Kst value:	
	St class:	
	Minimum Ignition Temp - cloud:	
	Minimum Ignition Temp - layer:	
	Minimum Cloud Ignition Energy:	
	NAME :	
	POSITION :	
	COMPANY :	
	SIGNATURE:	
	DATE :	

NOTES TO USER

According to the DSEAR/ATEX regulations end users **MUST** establish if a potentially explosive atmosphere is likely to occur and if so give an appropriate Zone classification.

Explosive atmospheres may be caused by gases/vapours or dust

Zones are classified according to BS EN 1127-1:1997

Explosive atmospheres may be ignited by surface temperature. Please enter the allowable surface temperature according to the gases/vapours or dust that may be present.

Dusts may be CONDUCTIVE or NON-CONDUCTIVE, please specify.

Stock Redler Ltd. require the above information to ensure the correct equipment is supplied.

Stock Redler regrets it is unable to offer advice regarding Zone classification. Guidance on Zone classification may be obtained from BS EN 1127-1:1997 or the local Factory Inspector