



## ELITE LOAD CELLS AND THEIR PERMITTED USE IN Ex ZONES

Note. Dust Zone 20 requires 1D equipment, Zone 21 requires 1D or 2D equipment, and Zone 22 requires 3D, 2D or 1D equipment  
Gas Zone 0 requires 1G equipment, Zone 1 requires 1G or 2G equipment and Zone 2 requires 1G, 2G or 3G equipment.

Ex Certificate	Product Type and Description		Equipment Category  II Surface application 1 is for Zone 0 2 is for Zone 21 G is for Gas D is for Dust	Protection Class	Permitted Ex Zones			Important Key Comments				
	Model (Description)	Type (Description)										
<b>Sira 07ATEX2221 Issue 4</b>  Equipment Markings:  <b>II 1G</b> <b>II 2D</b> <b>Ex ia IIC T6</b> <b>Ex tb IIIC Db T85°C</b> <b>(-20°C ≤ T<sub>a</sub> ≤ +60°C)</b>	SELB (Single Ended Load Beam)	RO (Rationalised Output)	<b>II 1 G</b>	<b>ia (intrinsic safety)</b>	<b>Gas</b>			<b>Must use safety barriers</b>				
	SELB (Single Ended Load Beam)	RI (Rationalised Input)			<b>0</b>	<b>1</b>	<b>2</b>					
	DELB (Double Ended Load Beam)	RO (Rationalised Output)			√	√	√					
	DELB (Double Ended Load Beam)	RI (Rationalised Input)										
	DELP (Double Ended Load Pin)	EGW (Externally Gauged, Welded)										
	DELP (Double Ended Load Pin)	IGP (Internally Gauged, Potted)										
	Equipment Markings:  <b>II 1G</b> <b>II 2D</b> <b>Ex ia IIC T6</b> <b>Ex tb IIIC Db T85°C</b> <b>(-20°C ≤ T<sub>a</sub> ≤ +60°C)</b>	DELP (Double Ended Load Pin)	IGP (Internally Gauged, Potted)	<b>II 2 D</b>	<b>tb (protection by enclosure)</b>	<b>Dust</b>			<b>Use of safety barriers dependent on installation</b>			
		DELP (Double Ended Load Pin)	IGP (Internally Gauged, Potted)			<b>21</b>	<b>22</b>					
		CLC (Compression Load Cell)	RO (Rationalised Output)									
		CLC (Compression Load Cell)	RO (Rationalised Output)									
		DELP (Double Ended Load Pin)	IGP (Internally Gauged, Potted)									
		DELP (Double Ended Load Pin)	DS1950-TB (Procon Triple Bridge)			√	√					
DELP (Double Ended Load Pin)		DB (Double Bridge)										
DELP (Double Ended Load Pin)		DB (Double Bridge)										
Equipment Markings:  <b>II 3G</b> <b>Ex nA IIC T6 Gc</b> <b>(-20°C ≤ T<sub>a</sub> ≤ +60°C)</b>		SLL (Stainless Load Link)	SLL (Tension Link)			<b>II 3 G</b>	<b>nA (non-sparking)</b>	<b>Gas Zone 2</b>			<b>Safety barriers not required</b>	
		SLL (Stainless Load Link)	SLL (Tension Link)									
	LPMW (Low Profile Multi Webb)	SB (Single Bridge)										
	LPMW (Low Profile Multi Webb)	DB (Double Bridge)										
	LPCC (Low Profile Compression Cell)	SB (Single Bridge)										
	SM60 (Silo Mounted)	RO (Rationalised Output)										
	SM66 (Silo Mounted)	SB (Single Bridge)										
	KFP (Low Profile Multi Webb)	SB (Single Bridge)										
	KFP (Low Profile Multi Webb)	DB (Double Bridge)										