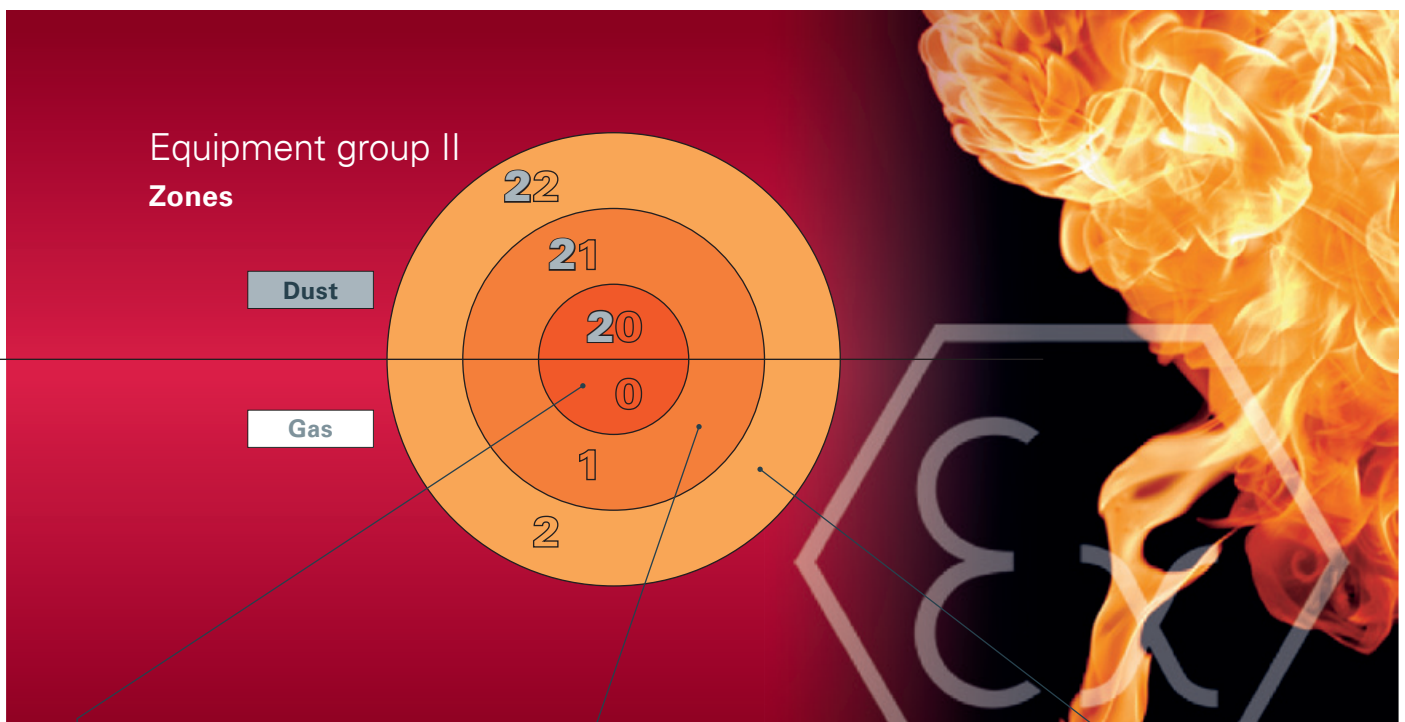


Valves and ATEX!

Goetze valves in potentially explosive areas: Tested by the TÜV SÜD and passed with flying colours.

Goetze valves are fundamentally suitable for use in potentially explosive areas.

Consequently they were subjected to a conformity assessment according to the ATEX Product Directive 2014/34/EU. As an independent, notified body, the TÜV Süd was commissioned with the assessment of our products.



Category 1

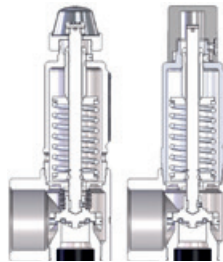
Example: Within a fuel tank or gas tank



Valve with bellows **and** gastight cap

Category 2

Example: Sewage treatment plant – condensate collecting tank for biogas



Valve with bellows **or** gastight cap

Category 3

Example: Paint shop after extraction system



All valve types possible

Equipment Groups / Categories / Zones / Products

Selection Chart for Goetze ATEX Products

Equipment group I		Equipment group II			
Equipment for use in <ul style="list-style-type: none"> ○ The mining industry ○ Open cast mining ○ Deep mining 		Equipment for use in other potentially explosive areas			
Category M1	Category M2	Category 1	Category 2	Category 3	
Requirement: extremely high level of safety	Requirement: high level of safety	Requirement: extremely high level of safety	Requirement: high level of safety	Requirement: normal level of safety	
Operation guaranteed even in the case of rare incidences	Shutdown in case of occurrence of a potentially explosive atmosphere possible	Danger: continuously, frequently, long-term	Danger: occasionally	Danger: rarely or short-term	
		Zone 0 G Gas	Zone 20 D Dust	Zone 1 G Gas	Zone 21 D Dust
				Zone 2 G Gas	Zone 22 D Dust
Safety valves					
420tbGFO; tbGFL 451tbGO; tbFO; tbGFO 851tbGO; tbFO; tbGFO 452tbGO; tbFO; tbGFO 852tbGO; tbFO; tbGFO	400bGFK 420tGF(O,L) 492tGO 451tGO; tFO; tGFO 851tGO; tFO; tGFO 2400tGFO <hr/> 451bG(O,K,L); bF(O,K,L); bGF(O,K,L) 851bG(O,K,L); bF(O,K,L); bGF(O,K,L) <hr/> 460tGF(O,L) 461tGFO; tGO; tFO 861tGFO; tGO; tFO <hr/> 452tG(O,L); tF(O,L); tGF(O,L) 852tG(O,L); tF(O,L); tGF(O,L) 452bG(O,L); bF(O,L); tGF(O,L) 852bG(O,L); bF(O,L); bGF(O,L)	420tbGFO ; tbGFL 451tbGO; tbFO; tbGFO 851tbGO; tbFO; tbGFO 452tbGO ; tbFO; tbGFO 852tbGO; tbFO; tbGFO	400bGFK 420tGF(O, L) 492tGO 451tGO; tFO; tGFO 851tGO; tFO; tGFO 2400tGFO <hr/> 451bG(O,K,L); bF(O,K,L); bGF(O,K,L) 851bG(O,K,L); bF(O,K,L); bGF(O,K,L) <hr/> 460tGF(O,L) 461tGFO; tGO; tFO 861tGFO; tGO; tFO <hr/> 452tG(O,L); tF(O,L); tGF(O,L) 852tG(O,L); tF(O,L); tGF(O,L) 452bG(O,L); bF(O,L); tGF(O,L) 852bG(O,L); bF(O,L); bGF(O,L)	451sG(K,L); 451sF(K,L); 451sGF(K,L) 851sG(K,L); 851sF(K,L); 851sGF(K,L) 452sG(O,L); 452sF(O,L); 452sGF(O,L) 852sG(O,L); 852sF(O,L); 852sGF(O,L) <hr/> 652 <hr/> 861sGF(K,L) 461sGF(K,L) <hr/> 810 / 410 812 / 412 813 / 413 492sGK <hr/> 2400sGF(K, L)	
Overflow and pressure control valves					
452tbGFU; tbGU; tbFU 453tbGFO 852tbGFU; tbGU; tbFU 853tbGFO	400.5bGFK 417tGFO; 418tGFO 452tGFU; 452bGFU; 453tGF(O,K); 608tGFO; 617tGFO; 618tGFO; 852tGFU; 852bGFU; 853tGF(O,K)	452tbGFU; tbGU; tbFU 453tbGFO 852tbGFU; tbGU; tbFU 853tbGFO	400.5bGFK 417tGFO; 418tGFO 452tGFU; 452bGFU; 453tGF(O,K); 608tGFO; 617tGFO; 618tGFO; 852tGFU; 852bGFU; 853tGF(O,K)	630 / 430 631 / 431	
Pressure reducing valves					
	681 / 481; 682 / 482 684mGO; 684mGFO; 684kGO; 684kGFO 484mGO; 484mGFO; 484kGO; 484kGFO		681 / 481; 682 / 482 684mGO; 684mGFO; 684kGO; 684kGFO 484mGO; 484mGFO; 484kGO; 484kGFO	683 684mGS; 684kGS 484mGS; 484kGS;	

With Goetze you can rest assured.
Certified explosion protection.

The safety of our customers is of paramount importance to Goetze.
 That's why Goetze offers more:

- ✓ the highest level of safety in all ATEX zones
- ✓ reliable advice: which products meet your requirements?
- ✓ safe products for each ATEX zone according to TÜV criteria

