

What is the ATEX Directive?

Within the European Union, equipment used in atmospheres likely to become explosive due to local and operational conditions must comply with the ATEX directive (94/9/EEC or 2014/34/EU after 20 April 2016). This directive is intended to protect people and equipment in applications involving explosive atmospheres which contain a mixture of flammable substances in the form of gases, vapors, mists or dusts.



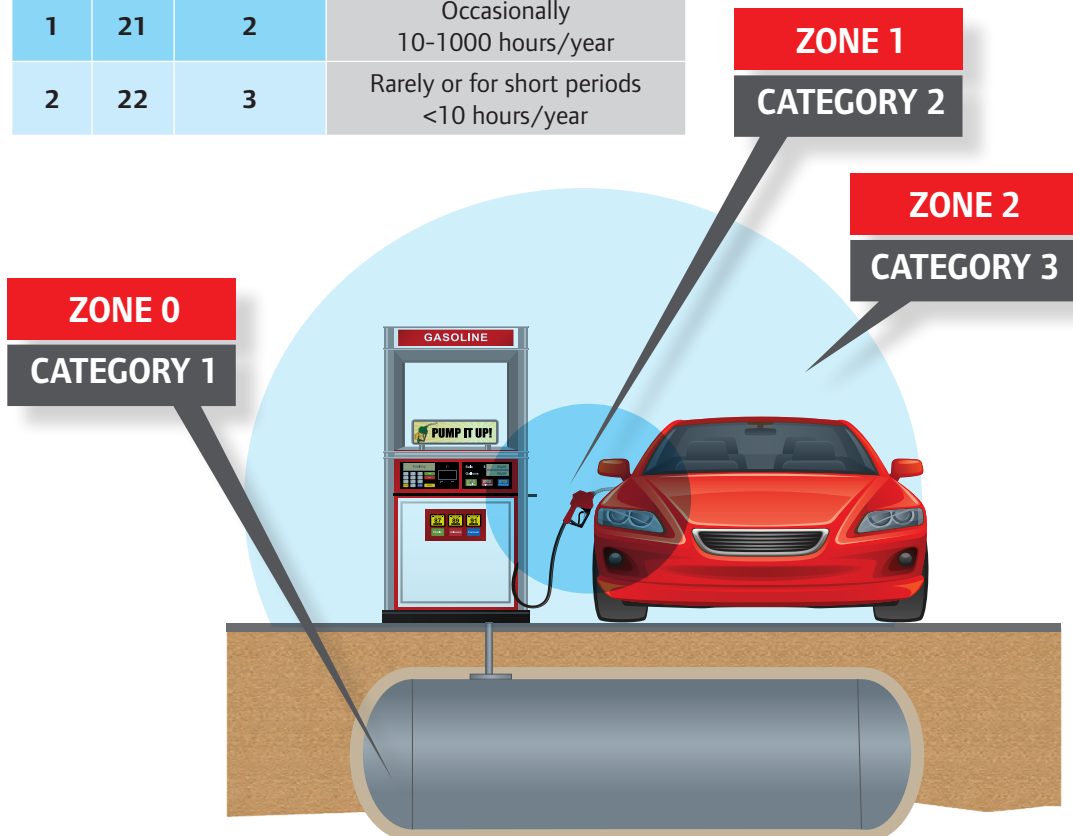
Where such ATEX atmosphere occurs, workers shall be protected by the national implantation of directive 1999/92/EEC;

ATEX certified equipment prevents ignition mechanisms from being generated. Typical ignition mechanisms include electric/electrostatic discharges, flames, mechanical sparks, chemical reactions, compression etc...

Zone Classification

The ATEX directive provides guidelines on how equipment is to be categorized given the expected duration of explosive atmospheres and their associated zones.

Zone		Equipment Category	Presence of the explosive in the atmosphere
Gas	Dust		
0	20	1	Continuously or for long periods >1000 hours/year
1	21	2	Occasionally 10-1000 hours/year
2	22	3	Rarely or for short periods <10 hours/year



CERTIFICATE

INGERSOLL RAND INTERNATIONAL attests that the following equipment is out of the scope of ATEX Directive 94/9/EEC or 2014/34/EU because according to these directives and hazard assessment done according to Harmonized Standard EN 13463-1, these listed product do not contain its own source of ignition.


	1000 Series	1500 Series	2000 Series	3000 Series
Filter (F)	F351XX-XXX	F352XX-XXX	F353XX-XXX	F354XX-XXX
Regulator (R)	R371XX-XXX	R372XX-XXX	R373XX-XXX	R374XX-XXX
Lubricator (L)	L361XX-XXX	L362XX-XXX	L363XX-XXX	L364XX-XXX
Piggyback Filter/ Regulator (F/R)	P391XX-XXX	P392XX-XXX	P393XX-XXX	P394XX-XXX
F-R-L Combinations	C381XX-XXX	C382XX-XXX	C383XX-XXX	C384XX-XXX
Lockout Valve	104390-X	104391-X	104392-X	104393-X
Check Valve	104477-X	104478-X	104479-X	N/A
Clamp/Spacer Kit	104394	104395	104396	104397
Manifold Block Kit	104411-X-X	104412-X-X	104413-X-X	N/A
Pipe Adapter	104474-X	104475-X	104398-X	104476-X
T-Bracket	104399	104400	104401	104402
L-Bracket	104403	104404	104405	104406
C-Brackets	104407	104408	104409	104410
Panel Nut	104416	104417	104418	104419
Anti-tamper Kit	104304	104432	104329	104455
Gauge Port Block	104467		104469	
Flush- Mount Gauge	104310		104334	

"X" denotes any character

These products can be used in group II, category 2 environment; Gas and Dust with temperature a T6 (Ex II 2GD T6) if all conditions set up in the Instruction Manual are meet.

Established at Sword, Ireland on December 8th, 2015.


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 and Government Affairs


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