



Atex Certification is a worldwide certification of explosion resistance.

Chandler Equipment is proud to offer Atex Certified versions of the following pump models:

- PNR102**
- PNR122**
- PR150**
- PR200**
- PR250**
- PVT200**
- PVT400**

Atex Certification Code Breakdown

- II** The pump has been certified and can work on the surface (not mines/underground/etc).
- 2** The pump is suitable to work in "Zone 1" (Zone 1 is any area in which there is a probable presence of explosive atmosphere).
- 2/2** The pump is certified and suitable for working when Zone 1 Atmosphere is both inside and outside of it.
- G** The pump is certified for working when there are explosive gases in the atmosphere (not mist or explosive dust).
- c** The pump has been engineered to avoid ignition caused by hot surfaces, sparks, and fast air compression.
- k** Parts that might ignite the gas have been covered or submerged to avoid ignition (gear lubrication with oil).
- b** Temperature Sensors have been used to avoid dangerous situations.
- IIB** Describes the gases allowed to be in contact with the equipment (pump).

Max Temperature Guide*

- T1** 842° F / 450° C
- T2** 572° F / 300° C
- T3** 392° F / 200° C
- T4** 275° F / 135° C
- T5** 212° F / 100° C
- T6** 185° F / 85° C

* Indicates maximum temperature reached by surfaces in contact with gases.

	Gas Type	Ignition Temperature
A	Acetones	1004° F / 540° C
	Acetic Acid	905° F / 485° C
	Ammonia	1166° F / 630° C
	Ethane	959° F / 515° C
	Methylene Chlorite	1033° F / 556° C
	Methane (CH ₄)	1103° F / 595° C
	Carbone Oxide	1121° F / 605° C
	Propane	898° F / 470° C
	N-Butane	689° F / 365° C
	N-Butyl	698° F / 370° C
	Suplheretted Hydrogen	518° F / 270° C
	N-Hexane	464° F / 240° C
	Acetaldehyde	284° F / 140° C
Ethylic Ether	338° F / 170° C	
B	Ethylene	797° F / 425° C
	Ethyle Oxide	804-824° F / 429-440° C
C	Acetylene (C ₂ H ₂)	581° F / 305° C
	Carbon Disulphide (CS ₂)	215° F / 102° C



Look for this symbol in the pump section of the catalog to indicate that an Atex Certified version of the pump is available.