

ATEX CERTIFIED

PRODUCT SUITABILITY

The buyer is responsible for design and implementation of any safeguards or safety systems which may be required in connection with the intended use. CAT PUMPS does not assume the responsibility for the design of safeguards or safety systems to detect leaks, elevated temperatures, spark prevention, or any other hazards associated with flammable liquids as defined by the NFPA systems.

CAT PUMPS does not assume any responsibility for the maintenance of the buyer's pumps. Lack of proper maintenance could result in leaks which could be hazardous with flammable liquids. CAT PUMPS does not assume any risks and liability in connection with the actual transfer of Class 1, 2, and 3 flammable liquids transferred with CAT PUMPS products.

CAT PUMPS

PK 10022 Rev. 4

CAT PUMPS

ATEX COMPLIANT

We are pleased to announce that Cat Pumps® now offers a full range of pumps that meet the ATEX directive for pumps used in an explosive atmosphere. The ATEX directive addresses two European Union directives describing what equipment and work environment is allowed in an environment with an explosive atmosphere.

Our pump compliance to the ATEX directive is common in the industries like Petrochemical, Chemical and Bio-Fuels and will facilitate new sales into these markets.

Under the ATEX Directive, equipment is designated by Group, Category, and Zone. Cat Pumps has been certified as ATEX 2 which also covers all the ATEX 3 requirements.

The following frame sizes: 5, 15, 18, 25, 28, 35, 38, 60 and 68, which include the models listed below, comply with the ATEX directive for Group 2, Category 2, and Zones 1 and 21. This Group 2 includes Zones G [1 & 2] and D [21 & 22].
G = Gas, D = Dust.

Frame Size	5	15	18	25	28	35	38	60	68
Models	45	660	1810	2510	2831	3501	3801	6747	6801
		661C	1810K	2511	2831K	3501C	3801K	6760	6801K
		661D	1861	2530		3507	3811	6761	6811
		1050	1861K	2530E		3507C	3811K	6762	6811K
		1051		2531		3517	3821	6767	6821
		1051C		2537		3517C	3822	6771	6821K
		1051D				3511	3821K	6775	6831
		1057				3511C	3831	6777	6831K
		1530				3520	3831K		6841
		1531				3520C	3822		6841K
		1540E				3521	3841		6861
		1541				3521C	3841K		6861K
		1560				3527			
						3531			
						3531C			
						3535			
						3535C			
						3537			
						3541			
						3541C			
						3545			
						3560			



EQUIPMENT DESIGNATIONS

- Group 2 identifies equipment used in hazardous explosive atmospheres other than mining.
- Category 2 defines the level of protection required. Equipment in this category is intended for use in areas in which explosive atmospheres caused by gases, vapors, mists, or air/dust mixtures are likely to occur.
- Category 3 is equipment intended for use in areas in which explosive atmospheres caused by gases, vapors, mists or air/dust mixtures are unlikely to occur or, if they do occur, are likely to do so only infrequently and for a short period only.
- Zone 1 is a place in which an explosive atmosphere consisting of a mixture with air of dangerous substances in the form of gas, vapor or mist is likely to occur in normal operation occasionally.
- Zone 2 is an area in which an explosive mixture is not likely to occur in normal operation and if it occurs it will exist only for a short time
- Zone 21 is a place in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.
- Zone 22 is an area in which an explosive dust atmosphere is not likely to occur and if it does, only for a short time.

All our special ATEX certified high pressure pumps will be specially labeled and come with a signed ATEX certificate. All pumps will be numbered with the "ATEX 2" suffix added to the standard pump model number.

Please contact our technical sales team with any questions.

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