

TYPE EXAMINATION CERTIFICATE

Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

1. **Type Examination Certificate Number:** ETL21ATEX0072X Issue 0
2. **Product:** PulsaPro 680/880/7120 Series Process Hydraulic Diaphragm Metering Pumps
3. **Manufacturer:** Pulsafeeder, Inc.
4. **Address:** 2883 Brighton-Henrietta Town Line Road
Rochester, NY 14623
USA
5. This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
6. Intertek Testing Services NA Ltd., certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of the products intended for use in potentially explosive atmospheres given in Annex II of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.
7. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 80079-36: 2016 and EN 80079-37: 2016 except in respect of those requirements referred to within item 14 of the Schedule
8. If the sign "X" is placed after the certificate number, it indicates that the product is subject to the special conditions of use specified in the Schedule to this certificate.
9. This Type Examination Certificate relates only to the design of the specified product and not to specific items subsequently manufactured.
10. The marking of the product shall include the following:



II 2 G Ex h IIC T4 Gb
II 2 D Ex h IIIC T130C Db IP66
-20°C ≤ Ta ≤ 79°C

Certification Officer: _____

Todd L. Relyea
25 Jan 2022 10:48:36028

Todd L. Relyea

Date: _____

25 January 2022

SCHEDULE:

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11. Description of Equipment or Protective System

The PulsaPRO 680, 880, and 7120 are positive displacement reciprocating piston diaphragm metering pumps. They are supplied with an adjustable stroke length for varied output. When specified they can be supplied with approved electronic stroke adjustment devices for use in hazardous locations.

12. Report Number

Intertek Report: 104836028CRT-002, Dated 3 January 2022

13. Conditions of Certification

(a). Special Conditions of Use

- Wipe/clean only with a damp cloth or when in a non-hazardous area.
- To be installed with a suitably rated motor:
 - Certified for the hazardous area
 - Must be face mounted in accordance with the motor frame requirements defined on the product Nameplate/Specification Data Sheet
- Pump nameplate ratings must not be exceeded. Pump must be operated in accordance with the Specification Data Sheet.

(b). Conditions of Manufacture - Routine Tests

- None

14. Essential Health and Safety Requirements (EHSRs)

The relevant Essential Health and Safety Requirements (EHSRs) affected by this variation have been identified and assessed in Intertek Report: 104836028CRT-002, Dated 28-Oct-2021.

15. Drawings and Documents

Title:	Drawing No.:	Rev. Level:	Date:
GEARBOX ASSY, 0.500 0.750	AM81001	H	8/14/2019
GEARBOX ASSY, 1.100	AM81002	K	2/19/2021
PUMP HEAD ASSY	AM84001	R	5/26/2020
VALVE ASSY, HBV	AM85001	M	7/21/2020
ASSY, REAGENT HEAD	AM86001	K	10/29/2020
ASSY, REAGENT HEAD LD	AM86002	L	4/8/2020
ASSY, REAGENT HEAD PLASTIC	AM86003	E	11/30/2021
ASSY, HYDRATUBE	AM86005	D	6/03/2019
ASSY, REAGENT HYDRACONE	AM86007	C	4/22/2020
ASSY, REAGENT HEAD PLASTIC LD	AM86008	-	5/30/2018
CONN ASSY, FLANGE (RF) TUBE	AM88008	C	8/3/2020
LABEL, PUMP – ATEX/IECEX	MW550028	B	11/3/2021
ATEX/IECEX Addendum – Safety Instruction	MW550028-IOM	B	--
ATEX Manufacturing Instructions	ENG-WI-1056	H	9/18/18
Paint Surface Specification	ENG-300	D	11/3/2021