

TYPE EXAMINATION CERTIFICATE

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

1. **Type Examination Certificate Number:** ITS20ATEX15884X Issue 00
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 and Certification Limited, 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: _____


2020 NOV 20 10:50 03859901

Todd L. Relyea

Date: _____

23 November 2020

SCHEDULE:

TYPE EXAMINATION CERTIFICATE NUMBER **ITS20ATEX15884X - Issue 00**

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: 103859901CRT-002a dated 02-October-2020.

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:
 1. Certified for the hazardous area
 2. 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: 103859901CRT-002a dated 02-October-2020.

15. Drawings and Documents

| Title: | Drawing No.: | Rev. Level: | Date: |
|--|--------------|-------------|------------|
| GEARBOX ASSY, 0.500 0.750 | AM81001 | F | 10/12/2017 |
| GEARBOX ASSY, 1.100 | AM81002 | G | 11/07/2017 |
| PUMP HEAD ASSY | AM84001 | M | 02/22/2019 |
| VALVE ASSY, HBV | AM85001 | K | 03/19/19 |
| ASSY, REAGENT HEAD | AM86001 | B | 03/24/2017 |
| ASSY, REAGENT HEAD LD | AM86002 | F | 04/11/2017 |
| ASSY, REAGENT HEAD PLASTIC | AM86003 | B | 04/05/2017 |
| ASSY, HYDRATUBE | AM86005 | C | 3/8/19 |
| ASSY, REAGENT HYDRACONE | AM86007 | A | -- |
| CONN ASSY, FLANGE (RF) TUBE | AM88008 | 1 | 09/27/18 |
| LABEL, PUMP – ATEX/IECEX | MW550028 | A | 11/16/2020 |
| ATEX/IECEX Addendum – Safety Instruction | MW550028-IOM | A | -- |
| ATEX Manufacturing Instructions | ENG-WI-1056 | H | 9/18/18 |
| Paint Surface Specification | ENG-300 | C | 08/27/2020 |

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