



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX ETL 20.0057X** Page 1 of 4 [Certificate history:](#)
Issue 0 (2020-11-17)

Status: **Current** Issue No: 1

Date of Issue: 2022-01-11

Applicant: **Pulsafeeder, Inc.**
2883 Brighton Henrietta Town Line Road
Rochester, NY 14623
United States of America

Equipment: **PulsaPro 680/880/7120 Series Process Hydraulic Diaphragm Metering Pumps**

Optional accessory:

Type of Protection: **Non-electrical 'Ex h'**

Marking: Ex h IIC T4 Gb
Ex h IIIC T130C Db IP66
-20°C to +79°C
IECEX ETL 20.0057X

Approved for issue on behalf of the IECEx
Certification Body:

Todd L. Relyea

Position:

Certification Officer

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

Intertek
3933 US Route 11 South
Cortland NY 13045-2995
United States of America

intertek



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Date of issue: 2022-01-11

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Manufacturer: **Pulsafeeder Inc.**
2883 Brighton Henrietta Town Line Rd
Rochester, NY 14623
United States of America

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

ISO 80079-36:2016 Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic methods and requirements
Edition:1.0

ISO 80079-37:2016 Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"
Edition:1.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

[US/ETL/ExTR20.0063/00](#)

[US/ETL/ExTR20.0063/01](#)

Quality Assessment Report:

[US/UL/QAR14.0015/05](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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.

SPECIFIC CONDITIONS OF USE: YES as shown below:

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.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Details of Change - Issue 1: Drawing revisions reference Annex 1, Issue 1 Below

Annex:

[IECEX ETL 20.0057X - Annex for IECEx Certificate of Conformity - Final Clean \(12\)_1.pdf](#)



Annex to IECEx Certificate of Conformity

Certificate No:	IECEXETL20.0057X	Issue No. 1
Annex No. 1		

Technical 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	--	--
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

Details of Change – Issue 1: Drawing Revisions Per Table Below. An * is included before the title of documents that are new or revised.

Technical 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

Certificate issued by:

intertek
Total Quality. Assured.

Intertek Testing Services NA, Inc.
3933 US Route 11, Cortland, New York-13045; USA

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SFT-IECEX-OP-19f (26 October 2018)



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*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