

STANDARD
Pump, Inc.

PURE PUMP
Series



FDA A₃

3 YEAR
WARRANTY

P/N: SANBCS-0613

Sanitary Drum Transfer Pumps

Batch Control Systems & Flow Meters

Multi-Certified



INITIALLY ISSUED: 11/02/02 AUTHORIZATION NUMBER: 1679

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THIS IS TO CERTIFY THAT

Standard Pump, Inc.
1540 University Dr., Auburn, GA 30011

is hereby authorized to continue to apply the

3-A symbol to the models of equipment, conforming to 3-A Sanitary Standards for

Number: 44-03, Diaphragm Pumps
with 3-A Mark

Clean-In-Place Models: SP3A15NPT, SP3A20NPT.

VALID THROUGH December 31, 2013

Timothy R. Rugh
Executive Director, 3-A Sanitary Standards, Inc.

The issuance of this authorization for the use of the 3-A symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standards designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standards. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance has been established.

NEXT TPI INSPECTION REPORT DUE: October 2017



TYPE EXAMINATION CERTIFICATE

Equipment intended for use in potentially explosive atmospheres -
Directive 94/EC

Type Examination Certificate number: DTI 13-0022X

Equipment: **Sanitary diaphragm pump**
SP-8000 series and SP-8000 series
Inherent type SP-55 & SP-55 & SP-55

Manufacturer: **Standard Pump Europe A/S (Standard Pump Inc.)**
Vejlevej 12
DK-8400 Silkeborg, Denmark

The Certificate is issued according to Annex VII clause 2 of Council Directive 94/EC for equipment and protective systems intended for use in potentially explosive atmospheres (ATEX). The certificate confirms the design and construction of the equipment and protective systems intended for use in potentially explosive atmospheres in accordance with the provisions of the said Directive.

EN 13463-1:2009 EN 13463-5:2003

The sign "II 2G e IIB T4" indicates that the equipment or protective system is subject to special conditions for safety as specified in the certificate.

The marking of the equipment or protective system shall include the following:

EN 13463-1:2009 EN 13463-5:2003

The sign "II 2G e IIB T4" indicates that the equipment or protective system is subject to special conditions for safety as specified in the certificate.

The marking of the equipment or protective system shall include the following:



TYPE EXAMINATION CERTIFICATE

Equipment intended for use in potentially explosive atmospheres -
Directive 94/EC

Type Examination Certificate number: DTI 11 ATEX 004X

Equipment: **Sanitary diaphragm pump**
SP-8000 series and SP-8000 series
Inherent type SP-55 & SP-55 & SP-55

Manufacturer: **Standard Pump Europe A/S (Standard Pump Inc.)**
Vejlevej 12
DK-8400 Silkeborg, Denmark

The Certificate is issued according to Annex VII clause 2 of Council Directive 94/EC for equipment and protective systems intended for use in potentially explosive atmospheres (ATEX). The certificate confirms the design and construction of the equipment and protective systems intended for use in potentially explosive atmospheres in accordance with the provisions of the said Directive.

EN 13463-1:2009 EN 13463-5:2003

The sign "II 2G e IIB T4" indicates that the equipment or protective system is subject to special conditions for safety as specified in the certificate.

The marking of the equipment or protective system shall include the following:

Physical Technical Testing Institute
Ostrava - Radnice

EC-Type Examination Certificate

Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 94/EC)

FTZU 12 ATEX 0225X

Equipment or protective system: Pump motor type SP - 8000

Manufacturer: **STANDARD PUMP INC.**

Address: **1540 University Dr., Auburn, Georgia 30011, USA**

The Physical Technical Testing Institute, hereby certifies that the equipment or protective system has been found to comply with the European Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex I to the Directive.

The examination and test results are recorded in confidential Report N°

EN 60079-0:2003 EN 60079-1:2004

If the sign "II" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safety as specified in the certificate.

The EC-Type Examination Certificate relates only to the design, construction and testing of the specified equipment or protective system in accordance with the provisions of the said Directive. Further requirements of the Directive apply to the manufacturing process and supply of the equipment or protective system. These are not covered by this certificate.

The marking of the equipment or protective system shall include the following:

II 2G Ex e IIB T4

The EC-Type Examination Certificate is valid until 31.03.2013

Responsible person: **Ing. Lukáš Matějka**
Head of Certification Body

Date of issue: 26.11.2012

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THIS IS TO CERTIFY THAT

Standard Pump, Inc.
1540 University Dr., Auburn, GA 30011

is hereby authorized to continue to apply the

3-A symbol to the models of equipment, conforming to 3-A Sanitary Standards for

Number 02-11, Centrifugal and Positive Rotary Pumps
as follows:

Progressing Cavity Pumps SP-8000R and SP-8000D with lengths 27 in., 29 in., and 47 in.; NBR and PTFE stators; SIC-SIC seals Centrifugal Pumps HV SP-8000 and HP SP-8000 in lengths 39 in. and 47 in.

VALID THROUGH December 31, 2013

Timothy R. Rugh
Executive Director, 3-A Sanitary Standards, Inc.

The issuance of this authorization for the use of the 3-A symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standards designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standards. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance has been established.

NEXT TPI INSPECTION REPORT DUE: December 2016



Certificate of Compliance

Certificate: 254481; Master Contract: 254672

Project: 254481; Date Issued: June 28, 2012

Issued to: **Standard Pump Inc.**
1540 University Dr., Auburn, Georgia 30011, USA

Authorized by: **Mr. Robert Wiley**

The products listed below are eligible to bear the CSA Mark shown

CSA INTERNATIONAL

PROCESSES

CLASS 3030-01 - LIQUID PUMPING - For Hazardous Locations

Class 1 Group D

Diaphragm pump, Model SP-40EX and 115V, 50/60Hz, 2.0 FLA, and Model 34EX and 115V, 60Hz, 4.3 FLA

Temperature class T3C (100°C)

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 100-04 - Motors and Generators

CSA Std C22.2 No. 143-M1984 - Motors and Generators for Use in Hazardous Locations

MISCELLANEOUS

Include CSA file number, Model, electrical rating, date code and the CSA Monogram on a metal component at least 0.001 in. thick permanently secured to the enclosure by screws or rivets.

ALTERATIONS

Modifications as stated above apply.

2012-07-26 2012-08-01



Issued by: Rachel Miranda



EC - CERTIFICATE

Equipment for use in potentially explosive atmospheres -
Directive 94/EC

Certificate Number: T2 2011-1-0106 A

Equipment: **Adaptor assembly**

Manufacturer: **SP A1- size or series**

Manufacturer: **Standard Pump Europe A/S (Standard Pump Inc.)**
Vejlevej 12, DK-8400 Silkeborg

The marking of the equipment or protective system shall include the following:

II 2G e IIB T4

This Certificate is issued according to Annex VII clause 2 of Council Directive 94/EC for equipment and protective systems intended for use in potentially explosive atmospheres (ATEX). The certificate confirms the design and construction of the equipment and protective systems intended for use in potentially explosive atmospheres in accordance with the provisions of the said Directive.

It is not verified and without responsibility of Technological Institute whether the documentation is correct, complete or according to the requirements of the Directive 94/EC.

The weight documentation is unique in confidential report.

Description of receipt documentation: One set of technical documentation in paper form.

On behalf of Technological Institute
Auburn, 2011-11-17
Certification & Inspection

Timothy R. Rugh
Executive Director, 3-A Sanitary Standards, Inc.



Sanitary **SAFETY** Solutions

SAFETY:

As a leading pump manufacturer, Standard is known for our commitment to product quality and SAFETY serving the operations and maintenance professionals. Standard Pump products are certified to meet globally recognized SAFETY standards and guidelines to include Underwriters Laboratories (UL), Canadian Standards Association (CSA), Community European mark (CE) and European hazardous duty equipment (AtEx).

GLOBAL COMMITMENT:

Standard Pump has a global presence supporting factory authorized distributors in fifty-two countries. Our world headquarters is located in Atlanta, GA (USA). A global support team provides sales and support staff, complete inventory and engineering in Copenhagen, Denmark and Shanghai, China.

PURE PUMP *Series*



Sanitary Metering Solutions



Ultra Mass Series | Electric

STANDARD's Ultra Mass Batch Control is an innovative system designed for dosing applications from drums, Tote® tanks and kettles. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands-free. The system's components are 3A Certified, ensuring the highest quality product suitable for the food processing, pharmaceutical, dairy and biotech industries.



Features

- 3A (TPV) Certified Components
- FDA Compliant Materials
- Low Shear Design
- Easy to Clean
- Tri-clamp® Fittings
- Interface Capabilities: HART, PROFIBUS, PA/DP, FOUNDATION FIELDBUS
- Suitable for Conductive & Non-Conductive Solutions
- Quick Setup Menus for In-field Commissioning

Common Applications

- Sauces
- Creams
- Dairy Products
- Shampoo & Conditioner
- Pharmaceutical Ingredients
- Pie Fillings

Technical Specifications

Motor Drive:	TEFC (IP54), Variable Speed
Maximum Flow Rate:	8 GPM (30,2 LPM)
Maximum Viscosity Range:	25,000 cps (mPAS)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.30% of Reading
Maximum Temperature:	185° F (85° C)
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

Note: Pump and meter are constructed with FDA compliant materials; however, the system does not have FDA certification.

Ultra Mass Series | Air

STANDARD's Ultra Mass Batch Control is an innovative system designed for high frequency dosing applications from drums, Tote® tanks and kettles. Simply dial in your desired volume or weight and the Ultra Mass BCS will deliver a preset dose of product – virtually hands-free. The air systems are ideal for high frequency, continuous duty applications. The system's components are 3A Certified, ensuring the highest quality product suitable for the food processing, pharmaceutical, dairy and biotech industries.



Features

- 3A (TPV) Certified Components
- FDA Compliant Materials
- Low Shear Design
- Easy to Clean
- Tri-clamp® Fittings
- Interface Capabilities: HART, PROFIBUS, PA/DP, FOUNDATION FIELDBUS
- Suitable for Conductive & Non-Conductive Solutions
- Quick Setup Menus for In-field Commissioning

Common Applications

- Sauces
- Creams
- Dairy Products
- Shampoo & Conditioner
- Pharmaceutical Ingredients
- Pie Fillings

Technical Specifications

Motor Drive:	Air Motor, 2.0 HP (1,5 KW)
Maximum Flow Rate:	8 GPM (30,2 LPM)
Maximum Viscosity Range:	25,000 cps (mPAS)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.30% of Reading
Maximum Temperature:	185° F (85° C)
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

Note: Pump and meter are constructed with FDA compliant materials; however, the system does not have FDA certification.

Ultra Mag Series | Electric

STANDARD's Ultra Mag Batch Control is engineered for bulk, precision dosing and filling operations from drums, Tote® tanks and kettles – virtually hands-free. This system utilizes a non-invasive Full Bore Magmeter for flow / volume measurement. Simply dial in desired volume, press enter, and the Sanitary Batch Control delivers a preset volume of material within .05% accuracy. The system is an excellent solution for conductive food products, pharmaceuticals, and cosmetic materials.



Features

- 3A Certification
- Large Graphic Display
- Tri-clamp® Fittings
- Low Shear Design
- Non-Invasive Measurement
- Easy To Clean Design
- Multi-language Display
- Standard Or Metric Units Of Measure
- Measures Volume

Common Applications

- Lotions
- Shampoo
- Chocolate
- Pie Fillings
- Juice Concentrates
- Brine
- Pharmaceuticals
- Tomato Paste

Technical Specifications

Motor Drive:	TEFC (IP54), Variable Speed
Maximum Flow Rate:	10 GPM (38 LPM)
Maximum Viscosity:	25,000 cps (mPAS)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.2% of reading (+/- 0.5% Repeatability)
Maximum Temperature:	212° F (100° C)
Bag Liner Series:	Optional pump intake design available for applications with hygienic liners

Note: Pump and meter are constructed with FDA compliant materials; however, the system does not have FDA certification.

Ultra Mag Series | Air

STANDARD's Ultra Mag Batch Control is engineered for bulk, high frequency dosing and filling operations from drums, Tote® tanks and kettles – virtually hands-free. The air systems are ideal for high frequency, continuous duty applications. This system utilizes a non-invasive Full Bore Magmeter for flow / volume measurement. Simply dial in desired volume, press enter, and the Sanitary Batch Control delivers a preset volume of material within .05% accuracy. The system is an excellent solution for conductive food products, pharmaceuticals, and cosmetic materials.



Features

- 3A Certification
- Large Graphic Display
- Tri-clamp® Fittings
- Low Shear Design
- Non-Invasive Measurement
- Easy To Clean Design
- Multi-language Display
- Standard Or Metric Units Of Measure
- Measures Volume

Common Applications

- Lotions
- Shampoo
- Chocolate
- Pie Fillings
- Juice Concentrates
- Brine
- Pharmaceuticals
- Tomato Paste

Technical Specifications

Motor Drive:

Air Motor, 2.0 HP (1,5 KW)

Maximum Flow Rate:

10 GPM (38 LPM)

Maximum Viscosity:

25,000 cps (mPAS)

Immersion Length:

39" (1000 mm)

Accuracy:

+/- 0.2% of reading (+/-0.5% Repeatability)

Maximum Temperature:

212° F (100° C)

Bag Liner Series:

Optional pump intake design available for applications with hygienic liners

Note: Pump and meter are constructed with FDA compliant materials; however, the system does not have FDA certification.

Flow Meter & Pump System | Electric

STANDARD's Flow Meter & Pump System is engineered to dispense and meter materials from drums, Tote® tanks and kettles. The system includes a 3A Sanitary Transfer Pump in addition to a 3A Turbine Flow Meter. The meter offers a truly hygienic design and accurate performance. A two-piece design enables operators to quickly disassemble and clean internal components. The proven Flow Meter & Pump System is an excellent choice for metering low viscosity liquids.



Features

- Tri-clamp® Fittings
- 3A Certification
- Turbine Paddle Wheel
- Viscosity to 100 cps (mPas)
- Easy to Clean Design
- Remote Mount Meter Display

Common Applications

- Milk
- Filtered Juice
- Brine Solutions
- Water
- Beer
- Filtered Wine

Technical Specifications

Motor Drive:	TEFC (IP54), Variable Speed
Maximum Flow Rate:	27 GPM (102 LPM)
Maximum Viscosity Range:	100 cps (mPas)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.50% (+/- 0.10% Repeatability)
Maximum Temperature:	175° F (80° C)

Note: Pump and meter are constructed with FDA compliant materials; however, the system does not have FDA certification.

Flow Meter & Pump System | Air

STANDARD's Flow Meter & Pump System is engineered to dispense and meter materials from drums, Tote® tanks and kettles. The air systems are ideal for high frequency, continuous duty applications. The system includes a 3A Sanitary Transfer Pump in addition to a 3A Turbine Flow Meter. The meter offers a truly hygienic design and accurate performance. A two-piece design enables operators to quickly disassemble and clean internal components. The proven Flow Meter & Pump System is an excellent choice for metering low viscosity liquids.



Features

- Tri-clamp® Fittings
- 3A Certification
- Turbine Paddle Wheel
- Viscosity to 100 cps (mPas)
- Easy to Clean Design
- Remote Mount Meter Display

Common Applications

- Milk
- Filtered Juice
- Brine Solutions
- Water
- Beer
- Filtered Wine

Technical Specifications

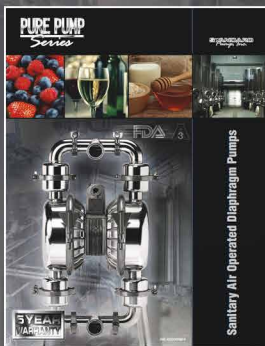
Motor Drive:	Air Motor, 1/2 HP (370 W)
Maximum Flow Rate:	20 GPM (76 LPM)
Maximum Viscosity Range:	100 cps (mPas)
Immersion Length:	39" (1000 mm)
Accuracy:	+/- 0.50% (+/- 0.10% Repeatability)
Maximum Temperature:	175° F (80° C)

Note: Pump and meter are constructed with FDA compliant materials; however, the system does not have FDA certification.

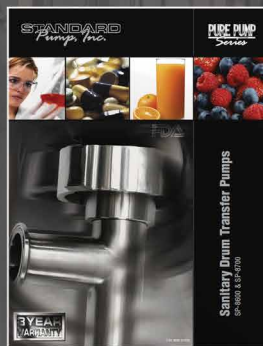
PURE PUMP *Series*



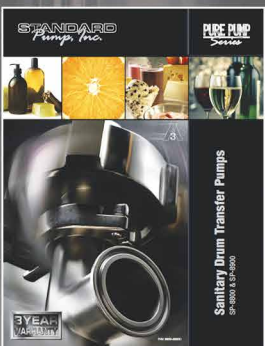
Additional Sanitary Products Available:



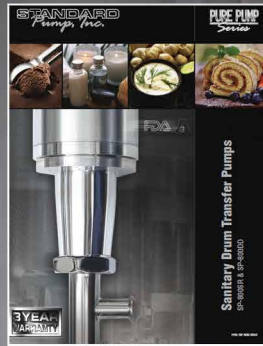
Air Operated
Diaphragm Pumps



FDA Compliant Drum
Pumps



3A Drum Pumps



Progressive Cavity
Drum Pumps

Distributed By:



CSI

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csidesigns.com

STANDARD
Pump, Inc.