



LAS CERTIFICACIONES DE NUESTRA  
GAMA **P**REVOST **P**IPING **S**YSTEM



CONNECTED TO INNOVATION



# Las certificaciones de nuestros productos **PPS**

## LOS PRODUCTOS Prevest

son imprescindibles para crear una red de aire de calidad. Evolutivos y perfectamente dimensionados para sus necesidades, se adaptan a todas las estructuras de los edificios.

- Desde 1978, **Prevest** desarrolla, fabrica y comercializa una gama completa de productos adaptados para las instalaciones de redes de aire, de fluidos y de puesta al vacío. Los productos **PPS** tienen una garantía de 10 años tras su instalación.



\* Prevest Italia

La **innovación** y la **calidad** son dos valores básicos que convierten a **Prevest** en un actor clave en los ámbitos de actividad que utilizan energías neumática e hidráulica en numerosos sectores industriales:

- Automóvil
- Construcción
- Industria del plástico
- Industria textil
- Industria médica y farmacéutica
- Transformación de los alimentos
- Aeronáutica y sector ferroviario
- Electrónica
- Logística, automoción, etc.

Una de nuestras prioridades es ofrecer productos que combinen prestaciones, calidad y seguridad en el conjunto de nuestras gamas. El departamento de I+D trabaja en la mejora constante de nuestra oferta y hace todo lo posible para garantizar la certificación y la conformidad de nuestros productos.

- **Prevest** comercializa productos diseñados, probados y validados por sus equipos técnicos, y certificados por organismos independientes y de referencia.

## ■ CONECTADO A LA CERTIFICACIÓN

**Prevest garantiza la calidad de la gama pps**, respetando unas estrictas especificaciones internas.

Se basa en numerosas certificaciones que garantizan la **calidad de nuestros productos**:

- Organización industrial **ISO 9001**
- La conformidad con las legislaciones vinculadas a los equipos a presión
- Una buena clasificación de reacción al fuego
- Una conformidad con algunas zonas clasificadas con riesgo de explosión **ATEX**
- Una buena clasificación relativa a la calidad de los fluidos

# Las certificaciones de nuestros productos **PPS**

## ■ NUESTRAS CERTIFICACIONES EN EL MUNDO

REACH, RoHS, 0, SILICON FREE, OIL FREE, UV RESISTANT, QUALICAT, ASME B31.1, ASME B31.3, TSSA, ASME QPS CERTIFICATE HOLDER, TUV SUD, 2014/68/EU, ATEX, EN 13501.

\* Prevost Italia

## ■ LAS CERTIFICACIONES POR ÁMBITO DE APLICACIÓN

### Organización industrial



\* Prevost Italia



### Equipos a presión



### Seguridad y protección



### Limpieza de los fluidos



### Medio ambiente



# Organización industrial



## UNA ORGANIZACIÓN DE LA CALIDAD



**CERTIFICACIÓN ISO 9001**

Prevost se basa en unas competencias reconocidas por el TÜV

- Investigación y desarrollo, diseño y gestión de las operaciones de fabricación, ensamblaje y control de calidad de los productos para las aplicaciones de las instalaciones de aire comprimido y otros fluidos.



**CERTIFICATO**

Nr. 50 100 13996 - Rev. 001  
Si attesta che / This is to certify that

IL SISTEMA QUALITÀ DI  
THE QUALITY SYSTEM OF  
**PREVOST S.a.s.**

SEDE LEGALE:  
REGISTERED OFFICE:  
**RUE DU PRE' FAUCON 15  
F-74940 ANNECY LE VIEUX**

SEDE OPERATIVA:  
OPERATIONAL SITE:  
**LOCALITÀ TERRAROSSA 3A/17  
I-16042 CARASCO (GE)**

È CONFORME AI REQUISITI DELLA NORMA  
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF  
**UNI EN ISO 9001:2015**

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE  
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE

Ricerca e sviluppo, design, gestione della fabbricazione, assemblaggio, collaudi e analisi tecniche di componenti per impianti di aria compressa e distribuzione di fluidi in pressione (AF 34, 18)

Research and development, design, manufacturing management, assembly operations, control and technical analysis of components for compressed air installations and fluids distribution (AF 34, 18)

Per l'Organismo di Certificazione  
For the Certification Body  
**TÜV Italia S.r.l.**

ACCREDITATA  
SUD N° 0454

Prima Certificazione / First Certification: 2017-08-07  
DATA DI SCADENZA DELLA VALIDA VALIDITÀ DI CERTIFICAZIONE: 2020-08-06  
EXPIRATION DATE OF THE LAST CERTIFICATION CYCLE: 2020-08-06

LA VALIDITÀ DEL PRESENTE CERTIFICATO È CONDIZIONATA ALL'ADDESIONE E ALLE VERIFICHE PERIODICHE DEL SISTEMA DI GESTIONE QUALITÀ E ALL'ESITO DELLE VERIFICHE PERIODICHE.  
THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ADHESION, SUBSEQUENT REGULAR REPORTING AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEMS THROUGH PERIODIC CHECKS.

TÜV Italia S.r.l. • Gruppo TÜV SÜD • Via Carlotto 125, Pal. 23 • 20099 Sesto San Giovanni (MI) • Italia • www.tuv.it



**QPS-ASME CERTIFICACIÓN**

- Controlamos los procesos de calidad como fabricante de accesorios de tubería y componentes para sistemas de aire comprimido. Sistemas de fluidos presurizados con certificados de conformidad firmados y verificados por el Responsable de Calidad, únicamente en los productos mencionada anteriormente. Las actividades de fabricación incluyen diseño, investigación, desarrollo, montaje y pruebas.



**The American Society of Mechanical Engineers**

**QUALITY PROGRAM SUPPLIER CERTIFICATE**

This certifies the named company as having had the adequacy of their quality program verified for the scope of the activity to the rules of the ASME QPS Standard, Quality Program Suppliers: General Industry. This certificate does not include authorization to use the ASME Single Certification Mark. The certification granted by this certificate is subject to the provisions of the agreement set forth in the application. The items produced under this certificate will have been produced strictly in accordance with the provisions of the ASME QPS Standard, Quality Program Suppliers: General Industry.

COMPANY:

**PREVOST S.a.s**  
Via Terrarossa 3A/17  
Carasco (GE), 16042  
Italy

SCOPE:

Controlling quality processes as a manufacturer of pipe fittings and subassemblies for compressed air and pressurized fluid systems with certificates of conformance signed by the Quality Manager, at the above location only. Manufacturing activities encompass design, research and development, assembly and testing

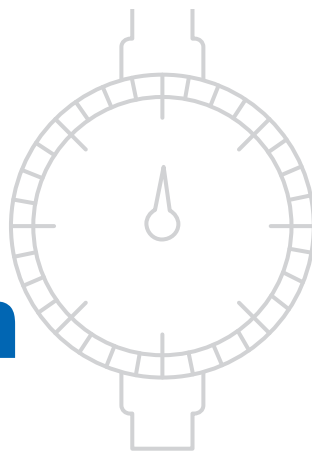
AUTHORIZED: **December 15, 2023**

CERTIFICATE NUMBER: **QPS-1**

*Richard B. C. Hill*  
Board Chair,  
Conformity Assessment

*Matthew Vengues*  
Senior Director,  
Engineering Operations

# Equipos a presión



## ■ LAS EXIGENCIAS RELATIVAS A LOS EQUIPOS A PRESIÓN



**DESP-2014/68/EU**

EL organismo TÜV certifica que los productos **Prevost** responden a las exigencias de la Directiva Equipos a Presión **DESP 2014/68/UE**.

■ Por tanto, **Prevost** cumple las exigencias europeas (CE).

ZERTIFIKAT ◆ CERTIFICATE ◆ 証明書 ◆ CERTIFICADO ◆ CERTIFICAT



### Attestato/Statement

Nr. I-722206844/19

*Si attesta che / This is to certify that*

**PREVOST S.a.s.**

SEDE LEGALE:  
REGISTERED OFFICE:  
**RUE DU PRE' FAUCON 15**  
**F-74092 ANNECY LE VIEUX**

SEDE OPERATIVA:  
OPERATIONAL SITE:  
**LOCALITÀ TERRAROSSA 3A/17**  
**I-16042 CARASCO (GE)**

È RISULTATA CONFORME ALLA:  
HAS BEEN FOUND TO COMPLY WITH:

**Valutazione di conformità in accordo alla Direttiva PED 2014/68/EU, "controllo interno di produzione", per produzione, collaudo di componenti per impianti di aria compressa e distribuzione di fluidi in pressione.**

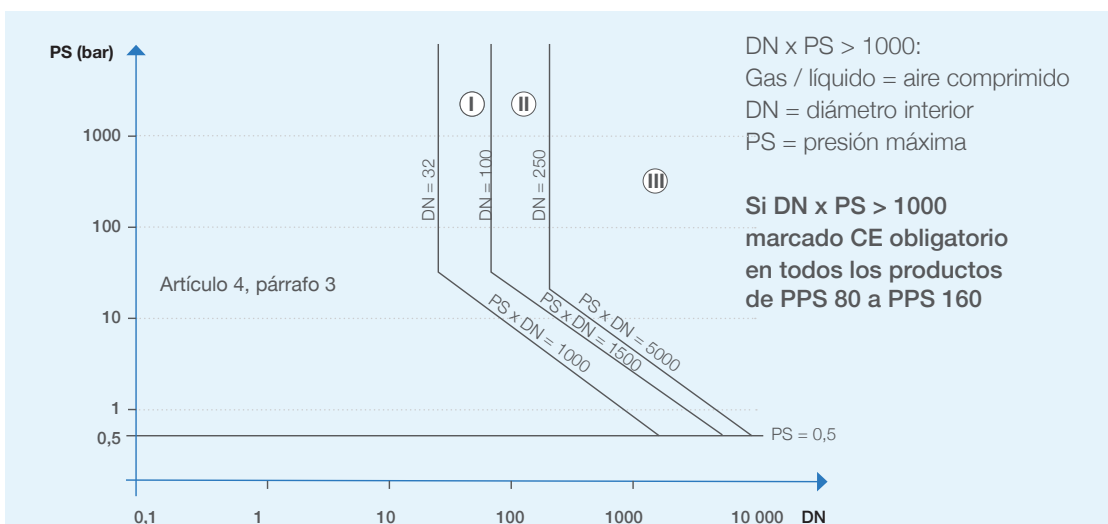
Conformity assessment in accordance with PED Directive 2014/68/EU, "internal production control", for the production, testing of components for compressed air installations and fluids distribution.

(Vedi elenco allegato dei prodotti / See attached list of components)

TÜV ITALIA Srl  
Mario Ghidotti  
Business Unit Manager




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■ EL CRN O CANADIAN REGISTRATION NUMBER



**EL CRN**

Los productos **Prevost PPS** responden a las exigencias canadienses de los equipos a presión y disponen de un **CRN**.

■ El **CRN** es una certificación validada por las 13 provincias de Canadá.



365 Colquhoun Drive  
Toronto, Ontario M9W 6R9  
Tel: 416 734-3300  
Fax: 416 231-1628  
Toll Free: 1-877-662-8772  
www.tssa.org

365 Colquhoun Drive  
Toronto, Ontario M9W 6R9  
Tel: 416 734-3300  
Fax: 416 231-1628  
Toll Free: 1-877-662-8772  
www.tssa.org

SCOTT ISLIP  
ROUND ENGINEERING INC  
10 SEGWUN RD  
WATERDOWN ON L8B 0K6  
CA

Service Request Type: BPV-Fitting Registration  
Service Request No.: 2287854  
Your Reference No.: R-0785AB  
Registered to: PREVOST

Dear SCOTT ISLIP,


Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

**CRN No.:** OC20336.5  
**Main Design No.:** PPS1 RSIF, PPS1 RSIM & PPS1 RSI Valve series - see the attachment to the Statutory Declaration Form for the scope of registration.

Copy Date: 08/04/2016


Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.662.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,  
  
Mark Valois P. Eng.  
Engineer Specialist BPV  
Tel.: 416-734-3494  
Fax: 416-231-1628  
Email: mvalois@tssa.com

Putting Public Safety First

■ ASME B31.1 / B31.3



**NORMA ASME B31.1**  
**NORMA ASME B31.3**

Los productos **Prevost PPS** responden a las exigencias de la **NORMA ASME B31.1** y de la **NORMA ASME B31.3**.

■ Precisan las obligaciones mínimas que se deben respetar en términos de materiales, diseño, dimensionamiento y fabricación.

Estas normas son el equivalente estadounidense de las exigencias de la Directiva Equipos a Presión **DESP 2014/68/UE** detalladas a continuación.



**DECLARATION OF CONFORMITY**

ICIM S.p.A. ref. PPS - 53 886/17 Rev.0 FM/mc DOC 8260 del 13/10/2017

Manufacturer: PREVOST  
Shop: SP SMI, Via Tarantola 3 int.17, 16042 Cassino (GE)

General description: pipe fitting  
Item: PPS 10 1008 PPS T1 10  
Design data: MANIP 220 psi del 17/11/18 Max at 80°C  
MARK 478 at 232 psi (120°C at 1.6 MPa)  
Hydraulic test pressure 345 Psi (2.4 MPa)  
Certification a license NCH

Material: ASTM B 79-11 304 L

Drawings:  
PPS1 2R16 NPT rev. 00  
PPS1 2R16 rev. 00 / PPS1 SP16 rev. 00 / PPS1 SP16 rev. 00  
PPS1 2R16 rev. 00 / PPS1 BAND16 rev. 00 / PPS1 NT16 rev. 00  
PPS1 SC160 rev. 00 / PPS1 SC160 rev. 00  
PPS1 SC160 rev. 00 / PPS1 AC160 rev. 00  
PPS1 MF 162038 rev. 00 / PPS1 MF 162038 rev. 00  
PPS1 BO168 rev. 00  
PPS1 MM162038 rev. 00 / PPS1 MM162038 rev. 00  
PPS1 UN168 rev. 00 / PPS1 TE168 rev. 00  
PPS1 TT162038 rev. 00 / PPS1 HSI168 rev. 00  
PPS1 RS162038 rev. 00 / PPS1 HSP 162038 rev. 00

Codes:  
ASME B31.1 "Power Piping" edition 2016  
ASME B31.3 "Process Piping" edition 2016

Test type for design verification: burst test

**CERTIFICATE OF ACCREDITATION**

This is to accredit the named organization as having had the adequacy of their program verified for the scope shown below in accordance with the applicable rules of The American Society of Mechanical Engineers Standard for Qualifications for Authorized Inspection. The accreditation granted by this certificate is subject to the provisions of the agreement set forth in the application.

ORGANIZATION: 

SCOPE:  
Authorized Inspection Agency for performance of Authorized Inspection Agency activities controlled from the above location to cover Sections I, III Divisions 1 & 3, IV, and VIII Divisions 1, 2 & 3 of the ASME Boiler and Pressure Vessel Code

AUTHORIZED:   
EXPIRES:   
CERTIFICATE NUMBER: AIA-108

  
Richard Rotherham  
Board Chair, Conformity Assessment

  
Jack Korman  
Director, Conformity Assessment

The American Society of Mechanical Engineers




# Seguridad y protección



## LA CLASIFICACIÓN DE REACCIÓN AL FUEGO



### EN 13501-1 CLASIFICACIÓN B-s1, d0

En el sector de las infraestructuras y los edificios, es preciso publicar una clasificación de reacción al fuego. Permite conocer el comportamiento ante el fuego de los productos en caso de incendio (seguros, etc.).

La gama de red de aire comprimido PPS, pensada para equipar con energía de aire comprimido los edificios, debe responder a esta exigencia.

- En Europa, la clasificación de reacción al fuego viene determinada por la norma **EN 13501-1**

ISTITUTO GIORDANO | IAC-MIRA | ACCREDIA

LAB N° 0021

**Classificazione e campo di applicazione.**  
*Classification and field of application.*

**Riferimento di classificazione.**  
*Reference of classification.*

Questa classificazione viene definita in accordo con la norma UNI EN 13501-1:2009.  
*This classification is assigned in accordance with standard UNI EN 13501-1:2009.*

**Classificazione.**  
*Classification.*

Il prodotto "PPS1", in relazione al suo comportamento di reazione al fuoco, è classificato:  
*The product "PPS1" in relation to its reaction to fire behaviour is classified:*

**B**

La classificazione aggiuntiva in relazione alla produzione di fumo è:  
*The additional classification in relation to smoke production is:*

**s1**

La classificazione aggiuntiva in relazione alla cadute di gocce/particelle incendiate è:  
*The additional classification in relation to flaming droplets/particles is:*

**d0**

La classificazione finale di reazione al fuoco del prodotto da costruzione è:  
*The final reaction to fire classification of the construction product is:*

**Classificazione / Classification: B - s1, d0**

### La gama PPS tiene una clasificación B-s1, d0:

- El comportamiento de los productos PPS frente al fuego permite atribuirles una clasificación de tipo: **B**
- La clasificación adicional relativa a la producción de humo se define como: **s1**
- La clasificación respecto a las gotas/partículas inflamadas da una clasificación: **d0**





## LA CLASIFICACIÓN DE REACCIÓN AL FUEGO




### UL 723 - ASTM E84

Las referencias normativas para el comportamiento ante el fuego en Estados Unidos son **UL 723 & ASTM E84**.

### La gama PPS tiene una clasificación 0-0-0:

- El comportamiento de los productos **PPS** frente al fuego permite atribuirles una clasificación de tipo: **0**
- La clasificación adicional relativa a la producción de humo se define como: **0**
- La clasificación respecto a las gotas/partículas inflamadas da una clasificación: **0**

- Por otra parte, la referencia de clasificación de los materiales plásticos es **UL 94 HB**.



Summary of Investigation  
For  
Prevost sas, Carasco, GE, Italy

Subject: Surface Burning Characteristics of Prevost Piping System  
Reference: 4788646662

**Summary of 07-2018**


The following is a summary of the test results obtained on a pipe assembly designated by Prevost sas as "Prevost Piping System" under Project 4788646662. The tests were conducted at ULC's test facility in Toronto, Ontario on December 13<sup>th</sup>, 2018 in general accordance with CANULC-S102.2:2018, *Standard Method of Test for Surface Burning Characteristics of Flooring, Floor Coverings, and Miscellaneous Materials and Assemblies*, 8<sup>th</sup> Edition (Exception, less than three tests were conducted as indicated under "Results" and test specimens were longer than the required length as indicated under "Sample Description and Preparation").

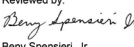
The issuance of this Report does not imply Listing, Classification, or Recognition by ULC and does not authorize the use of ULC Listing, Classification, or Recognition Marks or any other reference to Underwriters Laboratories of Canada on or in connection with the product or assembly.

Underwriters Laboratories of Canada authorizes the above named company to reproduce this Report provided it is reproduced in its entirety. Underwriters Laboratories of Canada did not witness the production of the samples nor were we provided with information relative to the formulation or identification of component materials used in the samples. The test results relate only to the items tested and may not apply to subsequently produced samples or assemblies.

The sole purpose of this investigation was to provide fire test data for the pipe assembly submitted and tested in general accordance with the requirements of CANULC-S102.2. This data should not be considered representative of test results for other pipe assemblies in the absence of testing the pipe assemblies in accordance with CANULC-S102.2.

Underwriters Laboratories of Canada, its employees, and its agents shall not be responsible to anyone for the use or nonuse of the information contained in this Report, and shall not incur any obligation or liability for damages, including consequential damages, arising out of or in connection with the use of, or inability to use, the information contained in this Report.

Sincerely,  
  
Stanis Yu  
Project Handler  
Building & Life Safety Technologies

Reviewed by:  
  
Beny Spensieri, Jr.  
Project Handler  
Building & Life Safety Technologies

Underwriters Laboratories of Canada Inc.  
7 Underwriters Road, Toronto, ON M3R 3A9, Canada  
T: 416-757-3033, F: 416-757-9540, W: UL.ca

### Report Of Surface Burning Characteristics Tests On Samples As Submitted By Prevost SAS

The test determines the Surface Burning Characteristics of the material, specifically the flame spread and smoke developed indices when exposed to fire.

**METHOD:**  
Each test was conducted in accordance with Standard UL1887, (ASTM E84).

**TEST METHOD:**  
The test was conducted in accordance with UL 723, Eleventh Edition (2018/04/19).


The results are tabulated below are considered applicable only to the specific samples tested.


Data sheets and graphical plots of flame travel versus time and smoke developed versus time are also enclosed.

Table 1: Test Summary

Test No.	Test Code	Sample Description	CFS Calculated Flame Spread	FSI Flame Spread Index	CSD Calculated Smoke Developed	SDI Smoke Developed Index
1	04261903	Compressed Air Piping	0.00	0	0.0	0

The Classification Marking of UL on the product is the only method provided by UL to identify products which have been produced under its Classification and Follow-Up Service. No use of a Classification Marking has been authorized as a result of this investigation.

  
James Smith, Staff Engineering Associate, Building Materials & Systems



### CERTIFICATE OF COMPLIANCE

Certificate Number: [REDACTED]  
Report Reference: [REDACTED]  
Issue Date: [REDACTED]

Issued to: [REDACTED]

This certificate confirms that representative samples of **COMPONENT - PLASTICS** Refer to Addendum Page

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

**Standard(s) for Safety:** For standard information please visit UL IQ Plastics Database (<https://my.secure.home1.ul.com/portal/page/portal/usa/iq/iqWelcome>)

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

  
UL LLC  
Any information or documentation involving UL, Web services are provided on behalf of UL LLC (UL) or any associated service of UL. For sensitive, please contact a local UL Customer Service Representative at 1-800-451-7899.

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# SEGURIDAD Y PROTECCIÓN

## LA CONFORMIDAD EN ZONAS CLASIFICADAS ATEX

STATEMENT - DECLARATION - ERKLÄRUNG - DICHIARAZIONE - VERKLARING

### Statement




ATEX Directive 2014/34/EU – Equipment And Components Intended For Use In Potentially Explosive Atmospheres

Statement No. : 722200646  
 Product(s) : Flow Measurement piping - Item no. INT-...  
 Manufacturer : PREVOST SAS  
 Rue Du Pre' Faucon 15  
 74092 Annecy le Vieux France

Basis Of Examination : European directive ATEX 2014/34/EU, Annex II  
 Standard(s) : EN 1127-1:2011, EN ISO 80079-36:2016

Intended Use : Zone 1 and 2, IIC.  
 Zone 21 and 22 IIIC

**Statement / Evaluation Result**  
 After a detailed evaluation, the product was found not to be in the scope of application of the ATEX directive 2014/34/EU according to the interpretations of the ATEX 2014/34/EU Notified Bodies.  
 Despite the exclusion of the scope of application, when those products are not well explosion proof designed, they may contain active ignition source's under certain conditions.  
 Therefore the ignition hazard assessment and products has been verified and they have been approved by TÜV Italia for use in Explosive Atmospheres, there are no effective ignition sources. Special conditions for use have to be applied (see section 5).

  
**TÜV Italia – TÜV SÜD Group**  
**IS, Explosion Protection And Prevention Services**  
 Project Handler:  **Diego Molioi**  
 Approved:  **Tiziano Porqueddu**

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TÜV ITALIA S.R.L.      Telefono: +39 02 9120.399  
 TÜV SÜD Group      www.tuv.it  
 Direzione e Sede Amministrativa: Via Giuseppe Cesare, 135 - 00187 Roma (RM) - Italia  
 00187 Roma - Via Giuseppe Cesare, 135 - 00187 Roma  
 Sede Legale: Via Maria Vittoria, 27 - 00187 Roma  
 Società registrata al Tribunale di Roma e al Registro Imprese di Roma (02120421000)

El peligro identificado de explosión puede provenir de distintos elementos presente en el ambiente:

- **Gases/vapores:** hidrocarburos, disolventes, pinturas, diluyentes, gasolina, alcohol, colorantes, perfumes, productos químicos, materiales plásticos, etc.
- **Polvo/partículas:** magnesio, aluminio, azufre, celulosa, cereales, carbón, madera, leche, resinas, azúcar, almidón, poliestireno, fertilizantes

Los productos Prevost de la gama PPS pueden utilizarse en las zonas ATEX clasificadas como las menos peligrosas:

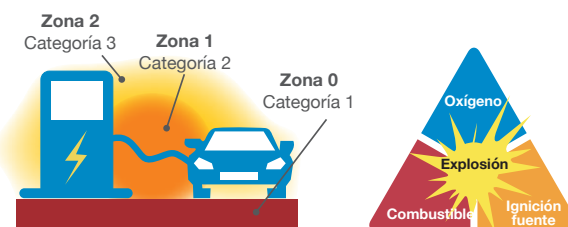
- **gas: zonas 1 y 2**
- **polvo: zonas 21 y 22**

Zona		Categoría de equipo	Presencia de atmósfera explosiva
Gas	Polvo		
0	20	1	Constantemente o durante largos períodos > 1000 horas/año
1	21	2	En ocasiones 10 ~ 1000 h/año
2	22	3	Raramente o durante breves períodos < 10 h/año




## LA DIRECTIVA ATEX-2014/34/EU

Esta directiva europea se aplica al conjunto de los equipos eléctricos y no eléctricos utilizados en atmósfera explosiva, gaseosa o polvorienta.



## RESISTENTE A LOS UV



La gama **PPS** 100% aluminio ofrece una excelente resistencia a los rayos ultravioletas.

- Define las reglas que deben respetarse al desarrollar productos para evitar el riesgo de explosión en zonas clasificadas como peligrosas.

# Limpieza de los fluidos



## CALIDAD DEL AIRE



**CERTIFICACIÓN  
ISO 8573-1  
CLASE 0.0.0**

Esta norma internacional establece las diferentes clases de calidad del aire comprimido.

- **Prevost** responde con éxito a las máximas expectativas de esta norma. Los productos de la gama **PPS** garantizan la no contaminación del fluido transportado por partículas sólidas, agua, humedad o aceite.

Este nivel de calidad permite responder a las aplicaciones más exigentes en términos de limpieza de la energía de aire comprimido:

- farmacéutico,
- alimentario,
- pintura, etc.



Page 1 of 2  
Certificate No: LR21201983TA  
Issue Date:   
Expiry Date:

### Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>PREVOST s.a.s.</b>
<b>Address</b>	Sp. 586 via Terrarossa 3A/17, CARASCO GE, 16040, Italy
<b>Type</b>	Pipes and Fittings
<b>Description</b>	Aluminum pipes and fittings for compressed air and fluid distribution networks
<b>Trade Name</b>	PPS1 Prevost Piping System
<b>Application</b>	Industrial
<b>Specified Standard</b>	ISO 8573-1:2010 compressed air quality specification Part 2: Test methods for oil aerosol content Part 3: Test methods for measurement of humidity Part 4: Test methods for solid particles content
<b>Ratings</b>	Working pressure 0.98 bar to 16 bar ISO 8573-1:2010 Class 0:0:0 External diameter of the tube (Range): 16; 20; 25; 32; 40; 50; 63; 80; 100 (mm)
<b>Other Conditions</b>	The quality of the air to be in the category CLASS 0 in term of total oil aerosol content, measurement of humidity, solid particles content as defined solid particles content, as defined in the standard ISO 8573-1: 2010

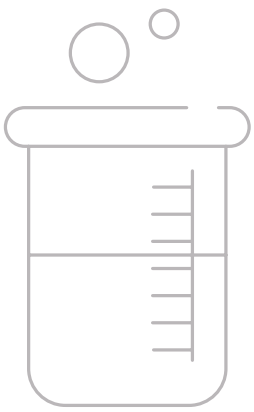
  
**Valid Saremi Shahab**  
 Senior Piping Specialist to Lloyd's Register  
 EMEA  
 A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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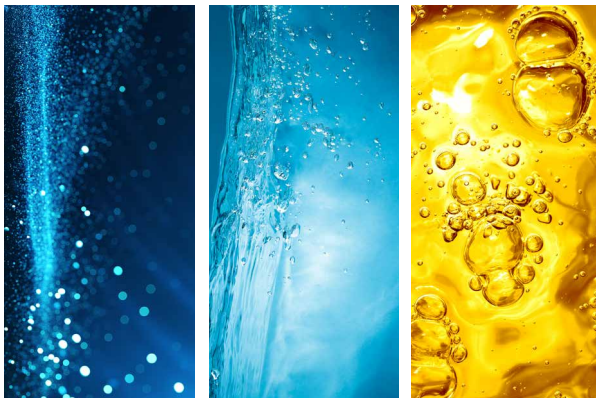
TA01 1.0.0





# LIMPIEZA DE LOS FLUIDOS

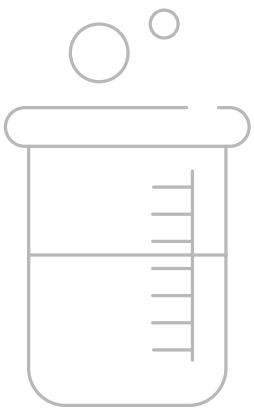
ISO 8573-1 Clase	PARTÍCULAS SÓLIDAS			AGUA	ACEITE
	Número máximo de partículas por m <sup>3</sup>			Punto de rocío del vapor a presión	Concentración total de aceite (líquido, aerosol + gaseoso)
	0.1 - 0.5 µm	0.5 - 1 µm	1 - 5 µm		
0	COMO SE ESPECIFICA Y MÁS ESTRICTO QUE LA CLASE 1				
1	≤ 20.000	≤ 400	≤ 10	≤ -70°C	≤ 0.01 mg/m <sup>3</sup>
2	≤ 400.000	≤ 6.000	≤ 100	≤ -40°C	≤ 0.1 mg/m <sup>3</sup>
3		≤ 90.000	≤ 1.000	≤ -20°C	≤ 1 mg/m <sup>3</sup>
4			≤ 10.000	≤ +3°C	≤ 5 mg/m <sup>3</sup>
5			≤ 100.000	≤ +7°C	
6	0 < Cp ≤ 5 mg/m <sup>3</sup>			≤ +10°C	
7	5 < Cp ≤ 10 mg/m <sup>3</sup>			≤ 0.5 g/m <sup>3</sup>	
8				0.5 - 5 g/m <sup>3</sup>	
9				5-10 g/m <sup>3</sup>	
X	Cp > 10 mg/m <sup>3</sup>			> 10 mg/m <sup>3</sup>	> 10 mg/m <sup>3</sup>



**PARTÍCULAS**      **AGUA**      **ACEITE**

**CLASE DE PUREZA DEL AIRE COMPRIMIDO ALCANZABLE**      **SECTOR/APLICACIÓN**

<b>0</b>	<b>0</b>	<b>0</b>	Consulte con <b>Prevost</b> para las necesidades de «aire puro» y salas blancas.
>1	< 1- 3	< 1	Industria farmacéutica, cosmética, electrónica, química, aeronáutica, industria alimentaria, pintura de calidad.
1	4	1	Tratamiento médico, máquinas de tejer, tratamiento de películas fotográficas, industria alimentaria y aplicaciones sin aceite, herramientas de precisión neumáticas.
1	1 - 3	2	Laboratorios fotográficos.
1	4	2	Pulverización de pintura, revestimiento con polvo, embalaje, control y aire de instrumentos.
2	1 - 3	1	Instalaciones de pulverización de pintura.
2	4	1	Transporte específico de «aire limpio», plantas químicas.
2	1 - 3	2	Transporte específico de aire seco, pulverización de pintura, reguladores de presión fina.
2	4	2	Lijado de calidad, pintura con pistola simple, sopladores de aire, taller de trabajo.
3	4	3 - 4	Lijado ordinario, grandes herramientas neumáticas (eliminación bruta de partículas de aceite/agua).
4	4	3	Trabajos generales con aire comprimido, arenado de alta calidad.
4	<b>7 - X</b>	3	Granallado.
4 - 6	<b>7 - X</b>	3 - 4	Transporte de aire para sistemas de aguas residuales.



## LIMPIEZA DE LOS FLUIDOS



**OIL FREE\***

- Los productos **Prevost** no contaminan el fluido transportado con grasa o partículas de aceite.

\*sin aceite



**SILICONE FREE\***

- Prevost** garantiza que no se utiliza ningún agente a base de silicona para la fabricación de los productos de la gama **PPS**.

\*sin silicona



**CERTIFICACIÓN QUALICOAT**

- Directivas relativas a la certificación de calidad para los revestimientos por termolacado (líquido o polvo) del aluminio utilizado en arquitectura. Esta certificación determina el nivel de calidad del tratamiento aplicado en la superficie externa de los tubos de aluminio **PPS**. Esas superficies externas deben resistir de manera óptima a todas las agresiones relacionadas con el entorno exterior de numerosas aplicaciones que utilizan las redes de aire comprimido.



**CLASIFICACIÓN NSF H1**

- Un lubricante de calidad **alimentaria de alto rendimiento (PPS AL)**. El lubricante **Prevost PPS AL** dispone de la acreditación **NSF H1**. Por tanto, responde a las exigencias de las aplicaciones más estrictas: alimentaria, química, farmacéutica, cosméticos, etc.

## Medio ambiente



**REACH – RoHS**

- Prevost** realiza un seguimiento preciso de las materias primas utilizadas en su gama de redes **PPS**. Este rigor permite posicionar los productos en función de la evolución de las legislaciones **REACH** y **RoSH**.



**RECICLABLE**

- La gama **PPS** (tubos y racores) es 100% de aluminio. Ello le confiere excelentes propiedades de reciclabilidad.

# Las certificaciones Prevost



## ORGANIZACIÓN INDUSTRIAL



### ISO 9001

Investigación y desarrollo, diseño y gestión de las operaciones de fabricación, ensamblaje y control de calidad de los productos para las aplicaciones de las instalaciones de aire comprimido y otros fluidos.

\* Prevost Italia



ASME QPS Certificate Holder

## EQUIPOS A PRESIÓN



CE - Pressure Equipment Directive  
PED-2014/68/EU



ASME B31.1 / B31.3



CRN  
(Certificación canadiense)

## SEGURIDAD Y PROTECCIÓN



EN 13501-1  
Clasificación B-s1, d0



UL 723 - ASTM E84  
Class 0.0.0



Resistencia a los ultravioletas



ATEX Directive: 2014/34/EU  
Zone 1 - 2 - 21 & 22

## LIMPIEZA DE LOS FLUIDOS



ISO 8573-1  
Class 0.0.0



Oil Free\*



Silicone Free\*



Qualicoat



NFS H1

## MEDIO AMBIENTE



REACH



RoSH



Reciclable

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