

# PNEUMATIC WINDSCREEN WIPERS

FOR OFFSHORE USE - CERTIFIED FOR GAS ZONE 1



# SERVI'S PNEUMATIC «STRAIGHT LINE» WIPER

Our last generation "Straight Line" wiper, for use in hazardous areas, tested and certified for use in zone 1.



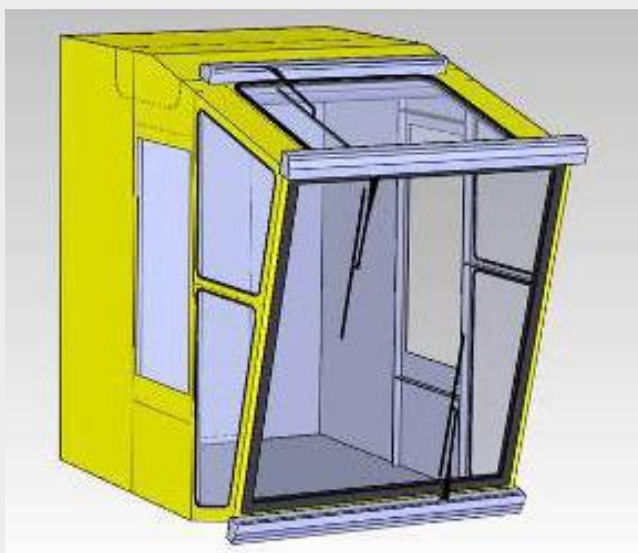
## Wipers used on oil rigs world wide

Servi Pneumatic Wiper for use on driller floor or any other location where there is a demand for explosion proof equipment.

The Pneumatic Wiper System has been tested by the laboratories of CMR Gexcon to meet the ATEX conformity of EN 13463-1 and will be marked Ex II 2G c T6

Servi has manufactured these systems for the International Oil industry for more than 20 years. The first installation took place on the Heidrun platform back in 1993.

Our systems are to be found on oil rigs around the world and generation Mk3 meet the strongest demand for safe operations onboard.



CRANE OPERATOR CABIN



DRILLERS CABIN

# CERTIFIED FOR GAS ZONE 1

## PNEUMATIC STRAIGHT LINE WIPER

- Heavy duty design for Offshore and hazardous areas.
- Pneumatic power and control for maximum safety and reliability.
- Easy mounting and maintenance.
- Wiping area up to 4000 x 1300 mm
- Auto self parking
- Can be mounted in any position
- Systems delivered to International Offshore Oil industry since 1993.



## WINDOW WASH SYSTEM

Wash systems with 24, 100 or 200 litre tanks, powered and controlled by compressed air.



## CONTROL OPTIONS

We can also offer electric (PLS) and all-pneumatic control systems to control you wiper system.

These functions include:

- Interval/intermittent cycle
- Impuls controlled - one stroke
- Automated wash cycle (PLS)
- PLS control can be adapted to your already installed control panel via modbus (IE: touch screen)

For further information, see [www.servi.no](http://www.servi.no) -  
for details about our product range, see [www.servicatalogue.com](http://www.servicatalogue.com)

ISO 9001 certified since 1995.



# DET NORSKE VERITAS ACKNOWLEDGEMENT OF RECEIPT - EC

ACKNOWLEDGEMENT NO. 83888-2010-CE-NOR

This Acknowledgement consists of 2 pages

This is to confirm that the Technical File, for the following product(s):

## Pneumatic Straight Line Wiper

with type designation(s)

See page 2

Manufactured by  
PMC Servi AS  
Haugenveien 10, Postboks 3230  
1402 Ski

has been received and stored according to

the conformity assessment procedure described in Article 8.1.(b),(ii), of Council Directive 94/9/EC (ATEX) of 23 March 1994, category 2 non-electrical equipment.

Further details are given overleaf.

Place and date  
Havik, 2010-09-02  
for DET NORSKE VERITAS AS



This Acknowledgement is valid until  
2020-09-02

*Marianne Spæren*  
Marianne Spæren  
Certification Manager

Notice: The acknowledgement is subject to terms and conditions overleaf. Any significant changes in design or construction may render this acknowledgement invalid. The digitally signed and electronically distributed document is the original and valid acknowledgement. Ref: [www.dnv.com/digitalsignatures](http://www.dnv.com/digitalsignatures)

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Ack. No.: 83888-2010-CE-NOR  
Project No.: PRJC-256794-2010-PRC-NOR

### Jurisdiction

DNV is appointed by the Directorate for Civil Protection and Emergency Planning as Notified Body (No. 0575) under the terms of the Norwegian regulation "Forskrift om utstyr og sikkerhetssystem til bruk i eksplosjonsfarlig område", dated 1996-12-09 and Article 9 of Council Directive 94/9/EC (ATEX), as amended.

Acknowledgement history: This is the original Acknowledgement.

### Product description

The following types are covered by the Acknowledgement:

| Product Description           | Type Designations | Category | Product Group | Product Sub Group |
|-------------------------------|-------------------|----------|---------------|-------------------|
| Pneumatic Straight Line Wiper | -                 | 2        | Ex equipment  | Non-electrical    |

### Technical documentation:

The following documentation has been received and stored:

| Document No              | Document Name  |
|--------------------------|----------------|
| E0717 Rev.2 PMC Servi AS | Technical File |

### Terms and conditions

The product liability rests with the manufacturer, his representative or, in the absence of a representative, the importer, in accordance with the General Product Safety Directive 2001/95/EC. The following conditions may render this acknowledgement invalid:

- Changes in the design or construction of the product.
- Changes or amendments to the referenced directive(s).
- Changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the directive(s).

### Conformity declaration and marking of product

In order to fully meet with the requirements of the Directive and legally affix the CE mark, the manufacturer must take all measures necessary to ensure that the manufactured product comply with the technical documentation and with the requirements of the Directive and finally draw up an EC declaration of conformity.

END OF ACKNOWLEDGEMENT



**We represent this supplier.  
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oriented company with a worldwide distribution network and offices in Australia, Germany, the Netherlands, Singapore and the United Kingdom.

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