

# **Badotherm – Short Company Presentation**

## **Diaphragm Seal Solutions**

# Some history of Badotherm

- Founded in 1957 as a instrumentation workshop for temperature gauges in Dordrecht (NL) by Mr. Pieter Bastiaan



- Still family-owned and 3<sup>rd</sup> generation managing the company

**Patrick Bastiaan**

Managing Director & Vice President - Badotherm (HQ)



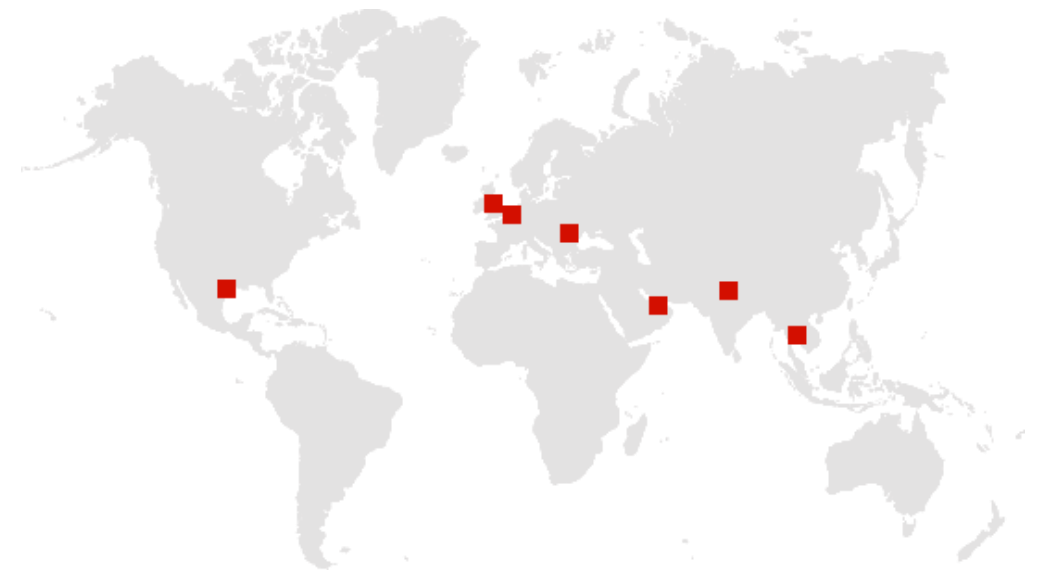
Patrick has a Bachelor in Business Engineering in Eindhoven, the Netherlands, and graduated in 2002 with a Master in Business Administration at the Erasmus University in Rotterdam, the Netherlands. Patrick started his career at Badotherm in the factory in Romania where he reorganized the Romanian production facility. In 2004

**Robert Bastiaan**

Operations & Technology Director - Badotherm (HQ)



Robert has a Bachelor in Mechanical Engineering and a Master in Industrial Engineering and Management at the University of Twente, the Netherlands. With specific knowledge in the field of innovation and lean manufacturing he started as Production Manager in Badotherm Holland in 2006. In 2010 Robert became the second member of the third generation to join the



- Headquartered in Dordrecht, The Netherlands, with Holland, Romania, UK, India, Dubai, Thailand and USA with over 225 employees worldwide

# Quick overview of Badotherm products

## Diaphragm Seals

- Flanged / Threaded / Sanitary / Specialty
- Applications engineering / Process simulation
- Custom seal design
- Complete repair service all brand



## Pressure Gauges & accessories

- Standard stainless steel process pressure gauges
- Differential pressure gauges
- Mounted with diaphragm seals, snubbers, siphons, overpressure protectors and valves



## Thermometers & Thermowells

- Gas-filled thermometers
- Bi-metal thermometers
- Flanged & threaded thermowells



## Instrument manifolds & needle valves

- Full series of
  - Shut off valves
  - 2 way manifolds
  - 3 way manifolds
  - 5 way manifolds
  - Double block & bleed valves
- All exotic materials
- Fitted with instruments
- Welded to flush rings, lower parts



# Some (big) projects with Diaphragm Seals supplied

## Badotherm Holland & UK

2017 SDA (Shell)	E&H
2016 BP	Yokogawa
2016 SOCAR	Yokogawa
2015 Khabarovsk	Yokogawa
2014 HDS6 (Shell)	Honeywell



## Badotherm India

2016 Indian Oil	Honeywell
2015 Reliance	Honeywell



**Reliance**

## Badotherm USA – Bliss Anand America

2017 Marathon Oil	Rosemount
2017 Shin-tech	Yokogawa
2017 cornerstone	Rosemount
2016 Shintech	Yokogawa



**SHINTECH**



## Badotherm Middle East & Saudi Arabia

2017 KOC Lower Fars	Yokogawa
2016 SARB (ADNOC)	Yokogawa
2016 Umm Lulu (ADMA)	Yokogawa
2016 Laggan Tormore	Honeywell
2016 ZADCO	Yokogawa
2013 Yoloten	Honeywell



## Badotherm Far East

2017 Rapid (Petronas)	Yokogawa
2016 Habshan (ADCO)	Yokogawa



# Some of the customers we work for



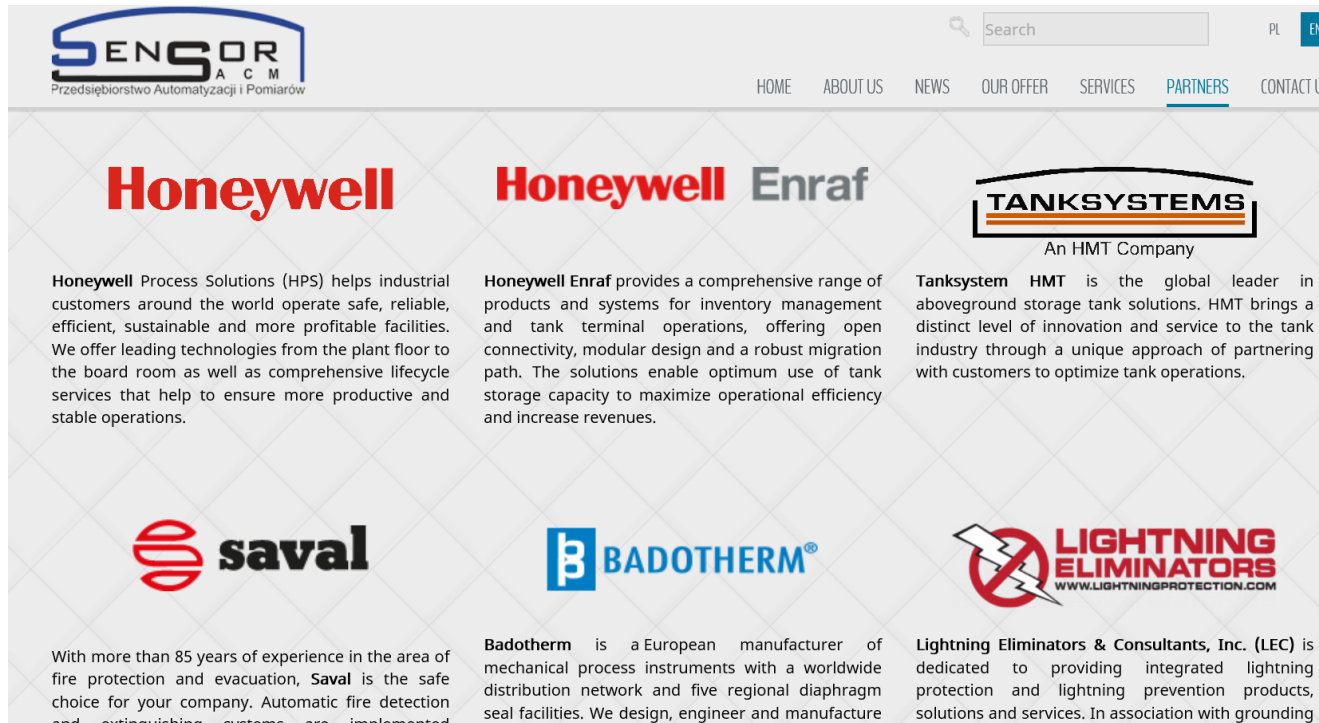
Badotherm works with the major companies in the petrochemical industry, both end users as OEMs such for transmitter manufacturers

- For engineered solutions
- The specialist in diaphragm seal solutions
- (Rush) repairs
- Several end-users standardize on Badotherm
  - Book of standards
  - Training
  - Feedback on repairs
  - Testing & process simulation

# Close relationship with Honeywell




# Strong collaboration with channel partners Europe




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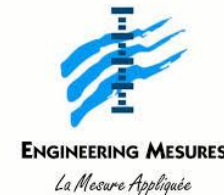


**BADOTHERM** is a European manufacturer of mechanical process instruments with a worldwide distribution network and five regional diaphragm seal facilities. We design, engineer and manufacture



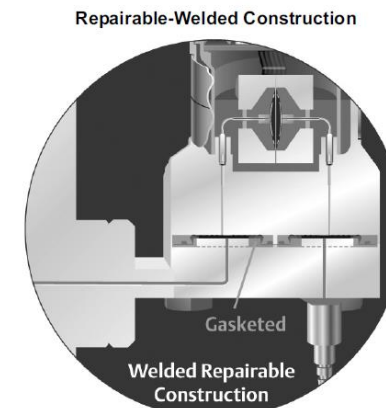
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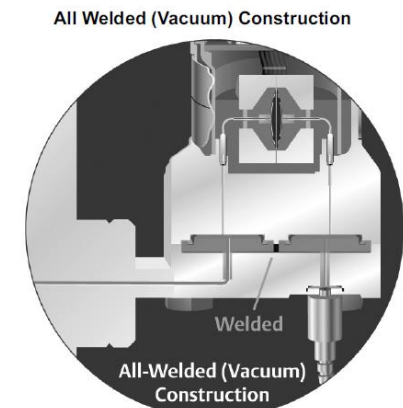


# Honeywell & Badotherm: a close collaboration for Shell

- 1992 Shell approved full welded construction of Honeywell



All connection points welded except gasket between sensor module and transmitter flange



All connection points welded including welded disk over sensor module isolators





# Honeywell – Badotherm LTSA for a closer collaboration

- 2009      Badotherm and Honeywell signed a global LTSA for the supply of remote seals

# Thank you



The Netherlands  
United Kingdom  
Romania  
India  
Thailand  
UAE  
USA

[www.badotherm.com](http://www.badotherm.com)