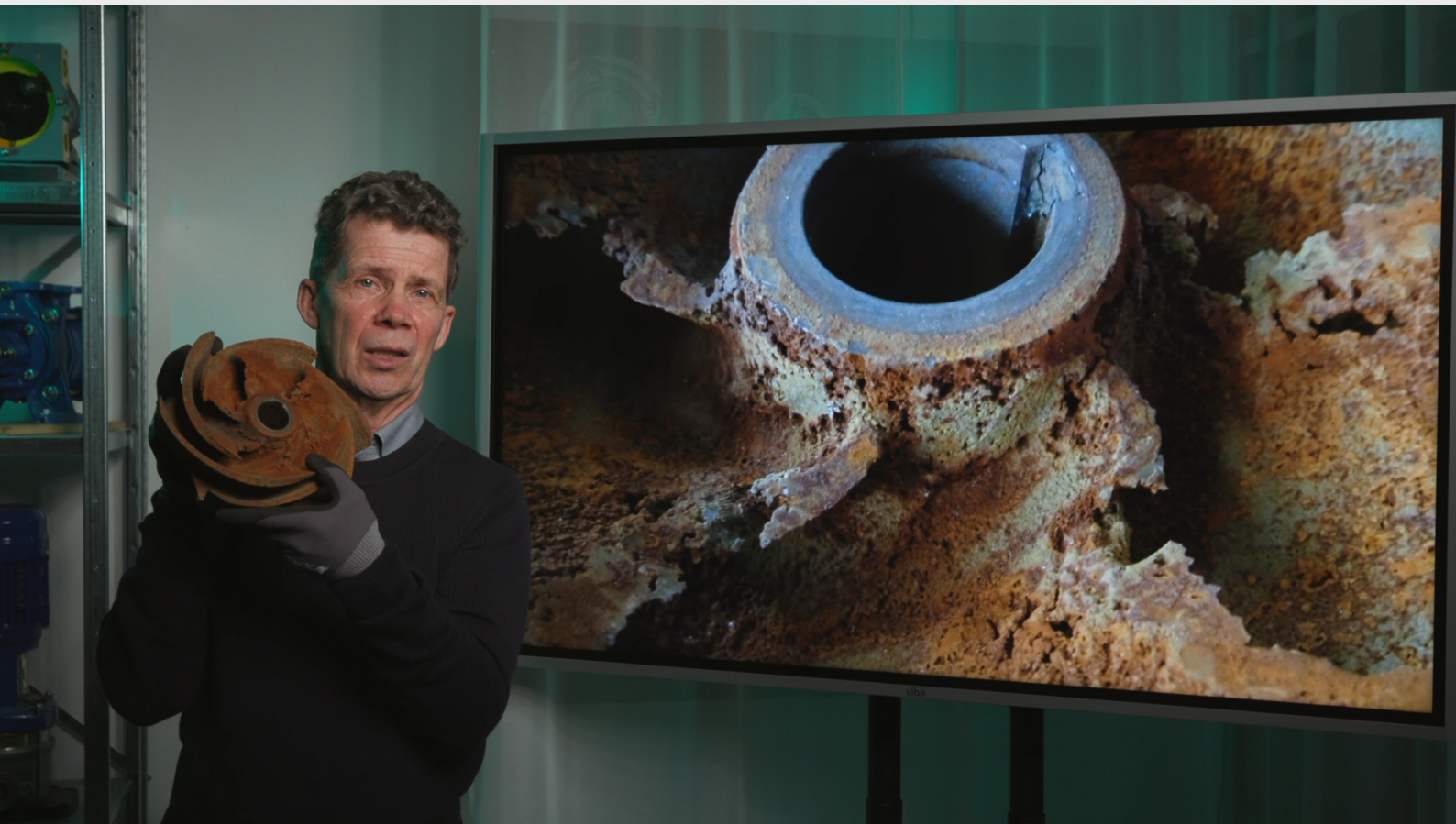


Oveducon

Brochure

NPSH Calculation for Water

NPSH Calculation for Water



Cavitation becomes a thing of the past with this NPSH Calculation for Water course.

Learn how to make a proper NPSH calculation for the most demanding situations. The course dives deep into all its different aspects and teaches you how to calculate the NPSHa, NPSHr and determine the required Safety margin. This will not only provide you with a more accurate result, but will also enable you to calculate the NPSH for situations which include pressurized tanks, vertical pumps and a wide range of industries.

Regardless of whether math is your second language or not, this course provides you with a step-by-step process which is easy to follow.

Included with this course are a workbook full of exercises, cheat sheets, reference materials and a 3-month access period (which we happily extend on request).

Discover what's inside

1. The importance of proper NPSH calculation

In this chapter we discuss the importance of a proper NPSH calculation. We dive deeper into the different risks that are involved with an NPSH calculation and how this influences the TCO of a pump.

2. Basic NPSH calculation

In this chapter you learn how to make a basic NPSH calculation, which is a common way to determine the NPSH. This calculation is fairly easy and is a quick way to check the NPSH requirements for simple installations.

3. Advanced NPSH calculation

In this chapter we teach you how to make an advanced NPSH calculation. The main difference here is that a lot more factors are taken into account to determine the NPSHa and the Safety margin. As a result, you get a very accurate NPSH calculation which is especially useful in demanding situations where reliability is key.

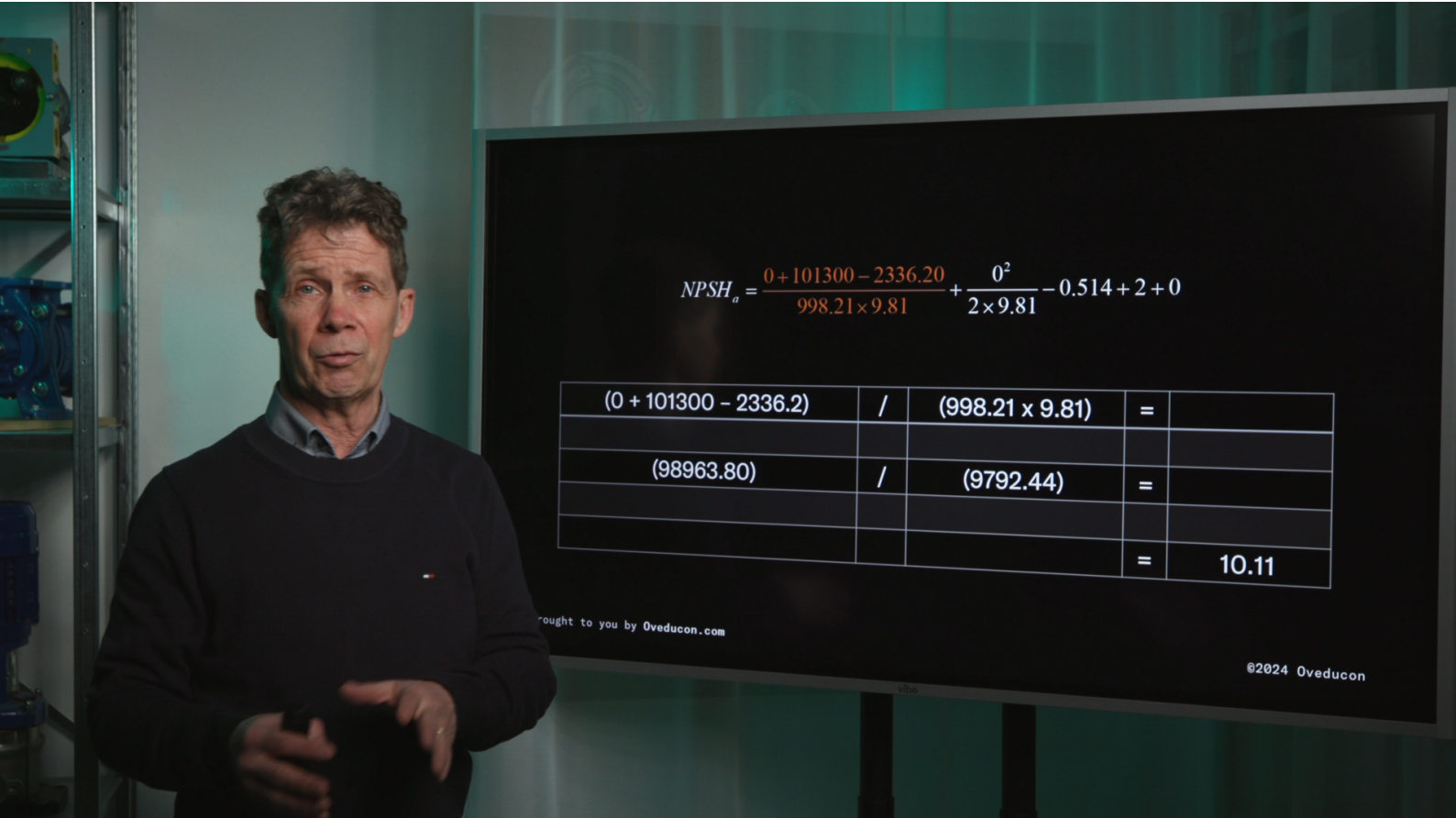
4. External influences

Here we treat some of the factors which can have a big influence on your NPSH values. This allows you to be aware of these situations in daily practice and provides you with all the tools you need to avoid damaging cavitation.

X. Exercises

This course comes packed with a lot of exercises, both in Metric and Imperial units, to help you bring the theory into practice. A carefully designed workbook includes a step-by-step template, pump curves and data sheets to enable you to hone your calculation skills.

Jos Overschie



The passionate founder of Oveducon and an expert on centrifugal pumps and its systems. He has over 30 years of experience in the field and 15 more as a teacher, teaching subjects ranging from pump selection, pipe systems, failure analysis and frequency converters.

He is the author of seven books, a sought after speaker and an international consultant that has worked on complex projects from Mozambique to Bangladesh.

Award winning education

We are proud to have been awarded the title "Top technical educator in the Netherlands" for five years in a row, by independent student review platform Springest. Based on more than 650 student reviews, our courses receive an average of 8.8 out of 10.

What to expect?



Learn when and wherever you want with our practical e-learning courses. No boring longreads or endless PowerPoints but short, easy to digest video's that make learning efficient and engaging.



Each course is based on years of training pump industry professionals on site. Therefore we have skimmed all the stuff you won't need and only included that which really makes a difference in your daily practice.

The result? Courses that are high on practical materials, real-life scenarios and visualizations.

NPSH Calculation for Water

- 2.5+ hours of bite-size videos
- Step-by-step process
- Easy to follow
- Practical exercises
- Metric and Imperial
- Including workbook
- 3 months to complete

Price: **€275**

[Subscribe](#)

Other courses

- Pump System Basics
- Centrifugal Pump Selection
- Centrifugal Pump Sizing

More information

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