



Pumps and slurry transportation course

Pumping slurry is a complex and important process. During the training course, emphasis is put on the hydraulic transport of solid-water mixtures with centrifugal pumps and through pipeline systems.

Target audience

This course is created for project engineers, R&D engineers, design engineers and other individuals with a high level of technical education. Experience in the dredging industry is required. Participants need to be able to perform calculations in Microsoft Excel and use a scientific calculator.

Training method

This course is practical and case-driven. Practical problems are used to teach the theoretical background of the pump and slurry transport processes. Cases are also used to improve the problem-solving skills of attendees.

Training topics

The course will focus on different aspects of the pump and slurry process, such as:

- dredge pump and drive characteristics
- dynamic effects (pump and drives)
- pipeline systems
- the interaction between pump, drive and pipelines
- the influence of solid particles
- dynamic effects in the pump-pipeline systems
- the fundamentals of hydraulic transportation and dredge pumps.

**Learning goals**

- proper analysis in the process of hydraulic slurry transport
- performing pump calculations
- assessing the interaction between pump, drive and pipelines.

Course material

Participants will receive the training content digitally.

Certificate

Participants will receive a certificate of attendance following completion of the training.

Language

English.

Duration

The training takes four full days.

Location

The training is held at the Royal IHC construction yard in Kinderdijk, the Netherlands.

Training fee

The fee for this training is € 2,650,- per person. Full payment of the training fee must be received at least four weeks before the start of the course. 21% VAT is applicable to training provided in the Netherlands. *(This fee includes tuition, literature, lunch, and refreshments during all training days. Not included are costs such as transportation, hotel accommodation, meals, etc.)*

Cancellation

- up to 4 weeks prior to the training: full reimbursement
- between 2 to 4 weeks prior to the training: 50% of the training fee will be reimbursed
- less than 2 weeks prior to the training: training fee is non refundable.

Registration

For more information and registration, please email to: training@royalihc.com