

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. The programme is aimed at project office engineers, and R&D and design engineers.

LEARNING GOALS

- analysing the processes involved in hydraulic slurry transport
- performing pump calculations
- assessing the interaction between pump, drive and pipelines.

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.



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IHC TRAINING INSTITUTE

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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.

TARGET AUDIENCE

For those who should have at least a high level of technical education and experience in dredging, they also should be able to perform calculations in Microsoft Excel and use a scientific calculator.



**PROJECT
ENGINEERS**

COURSE MATERIAL

Participants will receive hardcopy and a memory stick with extensive background information of dredging industry.

CERTIFICATE

Participants will receive a certificate of participation after the training.

LANGUAGE

English

LOCATION

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

TRAINING FEE

The training fee is € 2,250,- per person.

*This fee includes tuition, literature, lunch, transportation between selected hotels and training location and refreshments during all training days. Not included are costs such as airport transfers, hotel accommodation, meals, etc. Full payment of the training fee has to be transferred to our bank account at least two weeks before the start of the course.

CANCELLATION

- Cancellation up to 14 days before start of the training: 10% of the fee is charged.
- Cancellation between 14 days before the start of the training and the day before the starting date: 50% of the training fee is charged.
- In case of cancellation on or after the starting date of the training, the full training fee is charged.

REGISTRATION

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



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