



Cooling water and drainage / dewatering systems in hydropower plants

Relevance and maintenance tasks

The cooling water and drainage / dewatering systems are crucial systems for the operation of hydropower plants. Although they are considered as auxiliary equipment, they ensure a proper and safe operation. Therefore, it is relevant for hydropower plant operators to have well-designed and maintained systems.

In this training, attendees receive an overview of the principles, types and functions of cooling water and drainage / dewatering systems. In addition, their application and basic design is covered. Tasks that shall be performed on the systems as well as failure modes applying to the systems are illustrated and discussed.

Course content

Introduction

- Auxiliary water systems
- Main principles and types

Cooling water and drainage /

Dewatering system functions

- Detailing of the different systems and functions
- Application and selection of main component types
- Design and layout of main components

Tasks to be performed on the systems

- Failure modes
- Route causes
- Commissioning and recommissioning (hydraulic balancing)

Advantages

- + Expert with up-to-date specialist knowledge
- + Learning from theory and practice
- + Practical examples
- + Certificate of participation
- + Seminar handout

Trainer

Voith expert with many years' experience in all aspects of hydropower.

Target groups

Engineers, maintenance and repair specialists and technical personnel responsible for cooling water and dewatering systems.

Minimum number of participants

5 participants

Participation fee

€900 plus VAT per participant, including documents, beverages and lunch

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