

Issues with extinguishing water piping systems at XFEL

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DESY experienced issues with corroding extinguishing water piping systems recently installed for the European XFEL accelerator facility. These corruptions occurred just a couple of weeks after commissioning. Water and material samples were taken, analyses were made. Different measures to solve the issues were considered. What is the current status? How could a solution look like? What are the problems to deal with and the options to repair the piping while European XFEL is close to user operation?

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