

Cryostar

Training for non-destructive testing

Twelve Cryostar employees acquired basic non-destructive testing knowledge. Today, they are able to choose the test best suited to the part and defect to be detected. They also know how to exchange views with an expert.



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OUR CUSTOMER

Corporate name
Cryostar

Business activity
Design and manufacturing of cryogenic equipment

Workforce
520 employees

Turnover
200 million Euros

What kind of non-destructive test should be carried out? What kind of material should be tested? What kind of defect should be searched for? Cryostar was faced with these questions. Cryostar is a company specialising in the design and manufacturing of cryogenic equipment for industrial gas, clean energy, liquefied natural gas and hydrocarbon industries. *“Due to a lack of in-house skills, we were unable to select a specific type of nondestructive testing depending on the type of the part or defect we were searching for”,* said Frédéric Chenuet, in charge

of the quality department at Cryostar. *“It was true for the equipment installed in our customer's facilities, as well as for the parts we manufacture, especially the parts delivered by our suppliers, particularly founders.”* As a result, Cryostar was unable to give instructions to its suppliers regarding the type of tests to be carried out.

Combining theory and practice

In order to solve this problem, the company, located in Héisingue (Haut-Rhin, France), decided to train twelve employees from design offices and quality department in non-destructive testing. The training aimed at providing the staff with a general non-destructive testing background, so that all staff members could use the same vocabulary and exchange views

with specialists. For this purpose, Cryostar turned to Cetim-Cermat in Mulhouse (France), one of Cetim's partners. This institution offered a four-day training session, customised to the company's requirements. The training programme included radiographic testing, diepenetrant testing, ultrasonic testing, magnetic particle inspection, tomographical inspection, eddy current testing, etc. All these non-destructive testing methods and Cofrend certification were studied. *“This training combined theory and practical exercises performed on Cetim's equipment”,* notes Frédéric Chenuet. This was also an opportunity for further discussions with the institution's experts, whom Cryostar had already called upon twice to carry out tests.

Cetim's asset



Cetim's training sessions are given by experts who are also deeply involved in the field. Our training sessions, ranging from basic knowledge to the highest levels of complexity, can be customised to a company's specific needs.

