

# Lloyd's Register Complementarity between testing and certification

As a certifying body specialising in the maritime sector, Lloyd's Register takes part in the validation of components and materials used in ships. During these verifications, Lloyd's Register relies on Cetim's experts in order to carry out the tests.

an independent third party to declare that the delivered products comply with the requirements of the purchase order. The test results are supplied with the certificate.



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## OUR CUSTOMER

**Corporate name**  
Lloyd's Register

**Activity**  
Lloyd's Register was established in 1760 and is now a certifying body which specialises in the maritime sector. This internationally recognised body defines and applies specific technical standards and also applies the current standards in force to maritime building projects (ships, offshore structures, etc.). Lloyd's Register is a member of the International Association of Classification Societies.

**Workforce**  
Approximately ten inspectors in France

Lloyd's Register, a British classification company, employs in France a dozen inspectors specialising in the maritime sector. Appointed by the company itself for its own ships, or by ship owners, parts manufacturers (engines, winches, etc.) or States (within the scope of a delegation of flag), these inspectors ensure that the standards applicable to the various ships are properly complied with.

*"The purpose of our missions is to ensure the safety of life at sea",* says Bertrand Blanchard, inspector with Lloyd's Register. *"To this end, we make sure, notably, that the materials used*

*in the maritime components comply with the required specifications. This is the case, for example, when products do not have an EN 10204 Type 3.1 or 3.2 certificate."*

The EN 10204 Type 3.1 certificate is a document issued by the manufacturer which states that the delivered products comply with the requirements of the purchase order. This document is supplied along with the manufacturer's test results and it is validated by a corporate department of the manufacturer, independent of the manufacturing department. The Type 3.2 certificate is issued jointly by the manufacturer and

## Expertise and trust

*"We have these conformity tests carried out by Cetim's laboratory, which holds a Cofrac accreditation and, therefore, is recognised at national level. We totally trust Cetim's experts, as they have all the necessary skills and resources to carry out these tests in accordance with the applicable standards in force",* explains Bertrand Blanchard. The tests give rise to a first document (receipt and acceptance of the materials) prior to machining of the test specimens. Then the mechanical and metallographic tests are carried out in the presence of Lloyd's Register's inspectors.

## Cetim's asset



The Cetim laboratory of Nantes (France) holds a Cofrac accreditation

(No. 1 0037) for mechanical and metallographic tests (scope available at [www.cofrac.fr](http://www.cofrac.fr)). Cetim's experts work in close collaboration with the various certifying bodies.