EN 10204 MATERIAL VERIFICATION

ABS is an approved third party for verification of non-class materials to standards other than the ABS Rules. In performing third-party material verifications, ABS is governed by EN 10204:2006 and ISO 10474:2013 standards..

EN 10204 TYPE 3.2 CERTIFICATION

Type 3.2 certification involves visits to the client facility by the third-party surveyor for visual examination, sample dimensional checks, confirmation that materials are traceable back to their ladle chemical analysis and validation that their properties meet material specification requirements. The surveyor would also visit the appropriate metallurgical lab to witness appropriate mechanical tests.

INTENT OF EN 10204 TYPE 3.2 CERTIFICATION

Material with a Type 3.1 certificate can be "validated" to the intent of Type 3.2 certification. This happens when the material handler uses an independent third-party to validate the material by way of verification tests.

ABS can provide "intent of" Type 3.2 certification by visiting the material handler to identify the material to be verified. This includes visual examination, sample dimensional checks and confirmation that the material is traceable back to the ladle chemical analysis, which may be in the form of a Type 3.1 certificate.

An ABS surveyor will visit the metallurgical lab to witness all additional testing of the material necessary to confirm compliance with the specification.

If all of the above meet with the requirements, the ABS surveyor will carry out a final visit to the intermediate material handler to review documentation, verify that the material meets the product specification and the customer's purchase order requirements and issue the Survey Report.

RESTRICTIONS FOR USE

ABS is unable to provide 3.1 or 3.2 material verification for products in the Aerospace or Nuclear industries.

Type 3.2 certificates do not constitute compliance with ABS Rules. Materials holding an ABS 3.2 certificate are not suitable for use on ABS-classed vessels.



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