

# CS 31GB.43 Fitting factor

*ED Decision 2011/012/R*

1. A fitting factor of at least 1.15 must be used in the analysis of each fitting if the strength is not proven by limit and ultimate load tests that simulate the actual stress conditions in the fitting and surrounding structure. This factor applies to all parts of the fitting, the means of attachment, and the bearing on the structural elements joined.
2. Each part with an integral fitting must be treated as a fitting up to the point where the section properties become typical of the member.
3. The fitting factor need not be used if the joint design is made in accordance with approved practices and the safety of which is based on comprehensive test data.

## AMC 31GB.43(c) Fitting factors

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Approved practices here should be taken as being those produced by the applicant or those meeting internationally recognised standards as defined in the applicable type design data. Approved practices should be those contained in documents accepted either specifically by the Agency or by having been prepared by an organisation or person which the Agency accepts has the necessary capabilities.

→ [CS 31GB.44](#)

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