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## Eurocode 3 Design Of Steel Structures

Department of Civil, Structural & Environmental Engineering Cork Institute of Technology Designers' guide to Eurocode 3: Design of Steel Structures Eurocode3 Member Checks. Eurocode 3 - member checks according to Eurocode3: Design of steel structures - Part 1-1: General rules and rules for buildings (May 2005). The Eurocodes are a set of structural design standards, developed by CEN (European Committee for Standardisation) over the last 30 years, to cover the design of all types of structures in steel, concrete, timber, masonry and aluminium. In the UK, the nominal values of the yield strength ( $f_y$ ) for structural steel, and hence the characteristic values used in design calculations, are obtained by adopting the minimum yield strength ( $R_{eH}$ ) values direct from these product standards.