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BS EN 1993-1 Eurocode 3: Design of steel structures comprises a set of general rules in twelve parts (BS EN 1993-1-1 to BS EN 1993-1-12) for all types of steel buildings. The commonly used Parts include: BS EN 1993-1-1. This Part provides most of the general rules used in the design of steel buildings, including material properties, guidance on analysis, the assessment of second-order effects and the calculation of member resistances.

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Steel design, or more specifically, structural steel design, is an area of structural engineering used to design steel structures. These structures include schools, houses, bridges, commercial centers, tall buildings, warehouses, aircraft, ships and stadiums.

Steel design - Wikipedia
In the eurocode series of European standards (EN) related to construction, Eurocode 3: Design of steel structures (abbreviated EN 1993 or, informally, EC 3) describes how to design of steel structures, using the limit state design philosophy. It was approved by the European Committee for Standardization (CEN) on 16 April 2004.

Eurocode 3: Design of steel structures - Wikipedia
Structural Shapes– standard steel configurations produced by steel mills such as wide flanges, channels, angles, pipe, tubes, etc. Structural Steel– the structural elements that make up the frame that are essential to supporting the design loads, e.g. beams, columns, braces, plate, trusses, and fasteners.

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