An **engineering drawing**, a type of [technical drawing](https://en.wikipedia.org/wiki/Technical_drawing), is used to fully and clearly define requirements for [engineered](https://en.wikipedia.org/wiki/Engineering) items.

Engineering drawing (the activity) produces engineering drawings (the documents). More than merely the drawing of pictures, it is also a [language](https://en.wikipedia.org/wiki/Language)—a graphical language that communicates ideas and information from one mind to another.

The process of producing engineering drawings, and the skill of producing those, is often referred to as **technical drawing** or **drafting** (**draughting**) although technical drawings are also required for disciplines that would not ordinarily be thought of as parts of engineering (such as [architecture](https://en.wikipedia.org/wiki/Architecture), [landscaping](https://en.wikipedia.org/wiki/Landscaping), [cabinet making](https://en.wikipedia.org/wiki/Cabinetry), and garment-making).

Persons employed in the trade of producing engineering drawings were called draftsmen (or draughtsmen) in the past. Although these terms are still in use, the not -gender-specific terms draftsperson and drafter are now more common.

Some of the [tools of manual drafting](https://en.wikipedia.org/wiki/Technical_drawing_tools) include pencils, pens and their ink, [straightedges](https://en.wikipedia.org/wiki/Straightedge), [T-squares](https://en.wikipedia.org/wiki/T-square), [French curves](https://en.wikipedia.org/wiki/French_curve), triangles, [rulers](https://en.wikipedia.org/wiki/Ruler), [protractors](https://en.wikipedia.org/wiki/Protractor), [dividers](https://en.wikipedia.org/wiki/Caliper#Divider_caliper), [compasses](https://en.wikipedia.org/wiki/Compass_(drafting)), scales, erasers, and tacks or push pins. ([Slide rules](https://en.wikipedia.org/wiki/Slide_rule) used to number among the supplies, too, but nowadays even manual drafting, when it occurs, benefits from a pocket [calculator](https://en.wikipedia.org/wiki/Calculator) or its onscreen equivalent.) And of course the tools also include drawing boards (drafting boards) or tables. The English idiom "to go back to the drawing board", which is a figurative phrase meaning to rethink something altogether, was inspired by the literal act of discovering design errors during production and returning to a drawing board to revise the engineering drawing. [Drafting machines](https://en.wikipedia.org/wiki/Drafting_machine) are devices that aid manual drafting by combining drawing boards, straightedges, [pantographs](https://en.wikipedia.org/wiki/Pantograph), and other tools into one integrated drawing environment. CAD provides their virtual equivalents.

Click below for the books related to engineering drawing:

1.n.d. bhatt

2.S.R. Singhal

3.P.S.Gill

4.Sankar Prasad Dey

5.O.P.Saxena