

Drawing interpretation

This training is for anyone whose work involves reading and interpreting technical drawings. The training will be customized with actual drawings from your company.

Course objectives

At the end of the course, participants will be able to understand the purpose and function of a workpiece on a drawing. Client-specific drawings will be used as learning material.

At the end of the course, participants will be able to:

- understand the structure of a technical drawing
- understanding specific symbols used on customer-specific drawings
- understand the basics of Geometrical Dimensioning and Tolerancing (GD&T).

Target group

This course is for anyone in the company whose work involves technical drawings, specifically reading and interpreting engineering drawings – not creating them.

No prior knowledge of any kind is required to take this course.

Training materials

Syllabus available in Dutch and English.

Course content

Each training is customized for the company, with real examples from the workplace. An example:

Drawing Views

- First angle projection
- Third angle projection

Line types

Sections

Limits and fits

Roughness DIN 4766

- Rp and Rmax
- Rz and Ra
- Rpm
- indication on drawing

Surface texture DIN ISO 1302

Hardness indications on drawing DIN 6773

Undercuts DIN 509

Indication and dimensioning of undefined edges DIN ISO 13715

GD&T ISO 1101

- overview symbols
- feature control frame
- datums
- symbols and tolerance zones

General

The course duration is completely tailored to the intended goal, and it can take place either online or on-site.

A maximum of 12 participants per course, in order to promote mutual discussion and interaction.

The projector and whiteboard are provided by the customer.

The training can be given in both Dutch and English.

