



# Specifications

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# Specifications

- Specifications are design outlines.
- They describe the structure, parts, performance, packaging, and delivery of an object or process in enough detail to enable a second party to construct the object or process.
- Examples:
  - a manufactured implement, such as a telephone
  - the subsystem of an industrial product, such as an airplane
  - a military item, such as a helmet
  - a computer program for maintaining a physician's records
  - a commercial contract, such as a house fire alarm system



# Specifications requirements

- Purpose and scope
- Design overview
- Functional description
- Parts
  - Dimensions
  - Materials
- Performance requirements
- Testing
  - Method and equipment
  - Test procedure
- Delivery
  - Packaging
  - Schedule
  - Documentation
- Troubleshooting