

## Waterfall Model in Manufacturing

### Requirements

#### Details:

- Client or stakeholder meetings
- Define product specifications
- Determine compliance/regulations

### Design

#### Details:

- Create detailed product drawings (CAD)
- Plan manufacturing workflow
- Decide machine layout and tooling

### Implimentation

#### Details:

- Procurement of raw materials
- Machine setup and calibration
- Production line begins

### Verification

#### Details:

- Quality Control (QC) and Assurance (QA)
- Dimensional and functional testing
- Safety and compliance checks

### Maintainance

#### Details:

- Address product issues or defects.
- Offer repairs or replacements under warranty
- Regular service