

Content of Design Project Report

- Title Page
 - Includes title report, name of person to whom report is submitted, writer's name and organization, and date
- Table of Contents
 - Indicates location and title of figures, tables, and all major sections
- Summary
 - Briefly present main results and conclusions in a clear and precise manner
- Body of Report
 - Introduction (About raw material, its source, the need for your project)
 - Final recommended design with appropriate data
 - Organization Chart and responsibilities
 - Plant Location Decision (Definition, method, alternative sites and selected site...)
 - Plant Layout : List of utilities, machine location, drawings (2D and 3D)
 - Process Layout (Qualitative and quantitative flow charts, processes descriptions, equipment descriptions, Equipment capacities, Mass balances...)
 - Cost analysis (Economical considerations-costs, profits, return on investment, break even, cumulative cash position, fixed and work capital investment...)
 - Quality Control (Quality plan, Production plan, Control Points, Laboratory equipment list, Analysis, Quality control activities, HACCP and ISO applications)
 - Discussion
 - Conclusion and recommendation
 - References to literature