

Production Process Flow (Plan-to-Produce)

Introduction to Flow and Related Departments

This flow is the heart of the manufacturing process for producing finished goods. The departments involved are R&D, Production Planning, GMP Operation, and Quality Assurance.

Process Flow Visual



Process Steps in the ERP System

1. Managing Bill of Materials (BOM)

- PIC: RND.

- When Performed: The R&D team designs the "recipe" for each finished product through **the Bill of Materials menu**, recording all raw materials and quantities required.

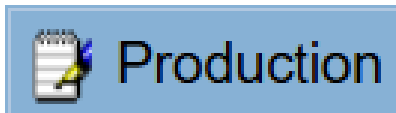
- Related Module: Production.



Production

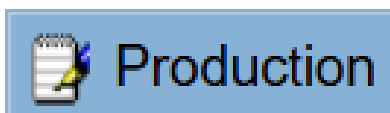
2. Planning & Work Order

- PIC: Production Planning.
- When Performed: Based on sales forecasts, the PPIC team creates a plan through **the Production Planning menu** and issues a Work Order as an official command to start the production process.
- Related Module: Production.



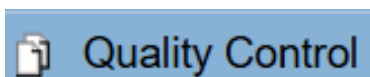
3. Raw Material Request & Factory Activities

- PIC: GMP Operation.
- When Performed: The production team creates a request in **the Material Request menu** to the warehouse based on the Work Order. All activities, machine usage, and production results are then recorded in the Factory Activities menu.
- Related Module: Production.



4. Quality Control Process

- PIC: Quality Assurance.
- When Performed: The QA team performs checks on incoming and outgoing goods. The inspection results are entered into the system through the Quality Process menu to ensure products meet standards.
- Related Module: Quality Control.



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