

MPC & PPIC

(Manufacturing Planning & Control dan Production Planning & Inventory Control)

“Meyebungkan demand market dan supply (produksi, material, logistic) perusahaan”

Manufacturing Planning and Control system (MPC), Sistem Perencanaan dan Pengendalian Manufaktur adalah sistem yang bersangkutan dengan perencanaan dan pengendalian semua aspek manufaktur, termasuk mengelola bahan/ material, penjadwalan mesin dan tenaga kerja, dan mengkoordinasikan supplier dan customer utama.

Karena aktivitas ini berubah seiring waktu dan merespon secara berbeda terhadap pasar yang dan strategi perusahaan, training ini memberikan sebuah model untuk mengevaluasi respon terhadap perubahan lingkungan yang kompetitif.

Sasaran belajar

Diakhir pelatihan ini peserta akan dapat:

- ☉ Memahami konsep MPC secara keseluruhan
- ☉ Memahami konsep dan peran setiap elemen MPC seperti Business Planning, Sales & Operation Planning (S&OP), Master Production Schedule (MPS), Material Requirement Planning (MRP), eksekusi planning berupa Production Activity Control (PAC) dan Purchasing, dan Capacity Planning.
- ☉ Memahami step by step elemen MPC dan keterkaitan antar masing2 elemen.
- ☉ Menerapkan system MPC dalam lingkungan perusahaan / industry yg berbeda-beda
- ☉ Latihan menggunakan template, formula, perhitungan, dll

Siapa Yang Harus Hadir

Manager level menengah dan atas yang terkait dalam system manufacturing seperti PPIC, Supply Chain Mgmt, Manufacturing Mgmt, Material mgmt, Logistics, Material controller, Master scheduler, Demand planner, Supply planner, Sales, Purchasing, dan fungsi lain yg terkait dalam system manufacturing.

COURSE OUTLINE

- ☉ Business plan / Perencanaan bisnis strategis:
 - Strategic
 - Marketing
 - Finance
 - Operation
- ☉ S&OP (Sales & Operation Planning):
 - Fungsi
 - Step-step
 - Format,
 - Dll
- ☉ MPS (Master Production Schedule)/ Skedul Produksi Utama:
 - Fungsi dan tujuan

- Input, output, proses.
- Format
- Dll
- ☉ MRP (Material Requirement Planning)/ Perencanaan Kebutuhan Material
 - Objektif.
 - Proses, input, dan output.
 - Bill of Material
- ☉ Eksekusi: PAC (Production Activity Control) dan Purchasing
- ☉ Capacity Planning / Perencanaan Kapasitas
 - Resource Planning (RP)
 - Rough-Cut Capacity Planning (RCCP)
 - Capacity Requirements Planning (CRP)

Metode pelatihan

Pelatihan ini menggunakan metode interaktif, dimana peserta dikenalkan kepada konsep, diberikan contoh aplikasinya, studi kasus, berlatih menggunakan konsep dgn tool yg ada , mendiskusikan proses dan hasil latihan.

Workshop Fasilitator:

Rahmat Noviandi, MBA, CSCP, CPP, CPPM

- **Formal Education:** S1(Bachelor Degree): Industrial Engineering from ITB, S2 (Master Degree): MBA from UGM,
- **Professional certification:** CSCP (Certified Supply Chain Professional) from APICS-USA, Certified APICS trainer, CPP (Certified Purchasing Professional) and CPPM (Certified Professional Purchasing Manager) from American Purchasing Society (APS-USA). Certified QMS Auditor/Lead Auditor from IRCA. Participated in some training in domestic and foreign countries.
- **Association membership:** founder & chairman of Indonesian Procurement Society, member of APICS (Association for Logistics, Operation Mgmt and SCM), member of APS (American Purchasing Society)
- **Job experience:** in Operation Management and SCM area in some MNC companies: Energy (Wartsila Indonesia), FMCG (PZ Cusson, SC Johnson Bayer (JHHP)), Pharmaceutical Distribution Companies (Dexa Medica Group, Pharmaniaga Malaysia Group), Electronic Manufacturing (Sanken Indonesia).
- **Trainer & consultan experience:** PT Telkom, Astra Group, Sucofindo, Toyota, Kementrian Keuangan RI, Sekjen DPR RI, Datascrip, Rekin, Trans 7, Dll, **blog:** www.rahmatnoviandi.blogspot.com
- **Areas of Expertise:** SCM, Purchasing & Procurement Management, Transportation, Distribution, Export Import, Project Procurement & Project Logistics, QHSE
- **Other interest:** making cartoon: www.joelmba.blogspot.com ,
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