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	MPCP DWM Brochure

MPCP – DWM

Manufacturing Process Control Plan – Daily Work Management System

Overview

The **MPCP–DWM System** is a powerful integration of **Process Control Planning (MPCP)** and **Daily Work Management (DWM)**, designed to ensure that manufacturing operations run with precision, consistency, and continuous improvement.

At **Om Industrial Consultant**, we enable organizations to build a **culture of process discipline and performance ownership** — where every operator, supervisor, and manager takes responsibility for quality, delivery, and cost every single day.

Purpose

- To **control process variation** through structured process control methods
- To ensure **daily monitoring of critical parameters** linked to the control plan
- To create a **visual and data-driven management system** at shop floor level
- To establish a **daily review structure** that connects shop-floor actions to business results

What is MPCP (Manufacturing Process Control Plan)?

MPCP defines “**how the process will remain stable and capable.**”

It links:

- **Process flow → Control characteristics → Measurement methods → Reaction plan**

MPCP Focus Areas

- Identification of **critical to quality (CTQ)** characteristics
- Establishing **control methods and checkpoints**
- Reaction plan for **non-conformance or deviation**
- Ensuring **traceability and data-based decision-making**
- Integration with **PFMEA, MSA, and SPC**

MPCP is not just a document — it’s a **living process control system**.

What is DWM (Daily Work Management)?

DWM ensures **discipline in daily activities** through structured reviews, visual performance boards, and cross-functional accountability.

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DWM Key Elements

- **Shift-wise reviews** on production, quality, and downtime
- **Visual tracking** of KPIs (OEE, Rejection %, Delivery, Safety)
- **Abnormality identification and escalation**
- **Tiered review meetings** (Operator → Supervisor → Manager → Plant Head)
- **Action tracking and closure**

DWM builds **ownership, transparency, and accountability** at every level.

Integrated MPCP–DWM System

When MPCP (the *what to control*) is integrated with DWM (the *how to control daily*), the result is a **sustainable process management ecosystem**.

Integration Area	Outcome
Control Plan Monitoring	Real-time verification of process stability
Daily Quality Checks	Early detection of drift or abnormality
Visual Boards	Simplified communication of process performance
Tier Review Meetings	Fast problem-solving and escalation
Data Analytics	Trend-based preventive action

Together, they drive **Zero Defect Manufacturing (ZDM)** and **Operational Excellence**.

Benefits

- ✓ Reduced process variation and defects
- ✓ Improved OEE and equipment uptime
- ✓ Clear visibility of process health
- ✓ Empowered operators and supervisors
- ✓ Faster decision-making at shop floor
- ✓ Strengthened QMS & IATF compliance
- ✓ Aligned with Lean, ZED, and TPM frameworks

Our MPCP–DWM Deployment Approach

1. **Diagnostic Assessment** – Gap study of current process & control discipline
2. **System Design** – Custom control plan formats and visual management templates

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3. **Implementation Support** – On-floor pilot and system rollout
4. **Skill Development** – Training for operators, supervisors & engineers
5. **Sustain & Improve** – Review dashboards, KPI tracking, and system audits

Who Should Implement MPCP–DWM

- Automotive & Engineering Manufacturers
- Process Industries (Machining, Fabrication, Assembly, Coating, etc.)
- Suppliers seeking **Zero Defect Culture** and **Process Capability Certification**
- Organizations preparing for **VDA 6.3 / IATF 16949** audits

Why Choose Om Industrial Consultant

- Experienced consultants from **automotive and process industries**
- Integrated approach across **QMS, Lean, TPM, and ZED**
- Hands-on guidance from **concept to implementation**
- Proven track record of **reducing rejection and rework by 30–50%**
- Focus on **people, process, and performance alignment**

Deliverables

- Customized **Process Control Plan templates**
- **DWM Visual Board formats** (digital/physical)
- **Standard Work & Escalation matrix**
- **Performance dashboards and audit checklists**
- **Sustainability guide** for long-term effectiveness

Get Started

Build a **self-driven, data-based process management culture** with MPCP–DWM.
Let's take your team beyond compliance — toward excellence.

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“Control your process daily... before your customer controls your business.”