

SAP PM & QM IMPLEMENTATION IN S/4HANA 2021 (RISE WITH SAP – PCE)

Client - Specialty Chemicals and Rare Earth Compounds Manufacturer

Challenges

- Manual tracking of equipment maintenance schedules and breakdown logs
- Inconsistent quality control with paper-based inspection processes
- No real-time visibility into equipment lifecycle costs or maintenance history
- Lack of integration between quality results and procurement or production
- Difficulty in enforcing standardized inspection plans, MICs, and defect recording
- Frequent delays in maintenance completion due to missing parts and poor coordination

Technologies Covered

SAP S/4HANA 2021 (RISE with SAP – PCE), SAP PM (Plant Maintenance), SAP QM (Quality Management), SAP Fiori, SAP BTP Workflow, SAP Notification & Inspection Apps

AMS Support Approach

- Defined maintenance task lists, plans, and strategies in PM module
- Implemented calibration and preventive schedules for plant equipment
- Enabled quality inspection at goods receipt, in-process, and final stages
- Created inspection plans, MICs, UD codes, and defect catalogs
- Integrated QM with MM, PP, and batch management for traceability
- Deployed Fiori apps for notifications, maintenance orders, and inspection results

Target Infrastructure

SAP RISE PCE (Private Cloud Edition), BTP Extensions, SAP Launchpad Services

Post-Implementation Highlights

- Improved equipment uptime with preventive maintenance scheduling
- Achieved real-time quality control with auto-triggered inspections
- Reduced manual effort and errors with Fiori-based digital execution
- Enabled faster closure of maintenance tasks with material-reserved planning
- Ensured audit-ready compliance through system-driven quality records and logs

About Incesol

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