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**SAP –QM**

 **QUALITY MANAGEMENT**

**1.0. SAP OVERVIEW**

**1.1. General discussion about SAP and its importance**

**1.2. Organization structure**

 . Company

 . Company code

 . Plant

 . Quality set up at Plant Level qs51

 . Quality set up at Client Level qs41

**1.3**.  **SAP landscape**

 . Sandbox

 . Development

 . Quality

 . *Production*

**1.4. SAP Architecture**

 **.** Database

 . Application

 . Presentation

**2.0 Overview of QM**

**.** Overview of QM in Domain industries

. Role of QM in supply chain management

**3. MASTERDATA OF QM.**

**.** Overview

· Creation of Material Master

· Activation of material with Quality view

· Creation of Master inspection characteristics (Quantitative)

. Creation of Master inspection characteristics (Qualitative)

. Edit catalogue

. Edit selected set

. Sampling procedure

. Sampling scheme

**4. PLANNING & Execution**

· Creation of inspection plan

. Assigning of Master inspection characteristics

. Creation of inspection lot

. Results Recording

. Usage Decision

 **5. Various QM Scenarios**

**. In coming inspection**

**. In process inspection**

**. Final inspection**

**. Service inspection**

**. Audit Inspection**

**. Calibration Inspection**

**. Physical sample inspection**

**. Direct assignment of MIC`S to material**

**. Defect notification process**

**. Statistical process control process**

**. Quality certificate**

 **6. in coming inspection Scenario QM INTEGRATION WITH MM**

 **. Activation of inspection type for Incoming material**

 **. Creation of inspection plan**

 **. Inspection lot creation or generation**

 **. Results Recording**

 **. Usage Decision**

**7. in process inspection Scenario QM INTEGRATION WITH PP**

 **. Activation of inspection type for in process inspection for material**

 **. Assignment of MIC`s in Operations in routing**

 **. Production order creation &Inspection lot generation**

 **. Results Recording**

 **. Usage Decision**

 **8. Final inspection Scenario QM INTEGRATION WITH PP**

 **. Activation of inspection type for final inspection for material**

 **. Creation of inspection plan**

 **. Inspection lot generation at the time of Goods receipt for Production order**

 **. Results Recording**

 **. Usage Decision**

 **9. Service inspection Scenario**

. Creation of material as Service

. **Creation of inspection plan**

 **. Inspection lot creation or generation**

 **. Results Recording**

 **. Usage Decision**

**10. AUDIT inspection Scenario**

**. Creation of department as material**

**. Activation of inspection type for audit inspection for department as material**

. **Creation of inspection plan**

 **. Inspection lot creation**

 **. Results Recording**

 **. Usage Decision**

**11. Calibration order QM integration with PM**

**. Creation of equipment**

**.Creation of task list with inspection point**

**.Assign of MIC`s to operation**

**. Creation of maintenance calibration plant**

**.Scheduling of plant to generate maintenance order to get inspection lot**

 **. Results Recording**

 **. Usage Decision**

**12. Physical sample inspection process Scenario**

 **. Activation of inspection type for material**

. **Creation of inspection plan**

**. Creation of physical sample**

**. Creation of physical sample lot**

**. Results Recording**

 **. Usage Decision**

**13. Direct assignment of MIC`S to material Scenario**

**. Activation of quality view with inspection with material specs**

**. Direct assignment of MIC`S to material**

**.Inspection lot creation**

**. Results Recording**

 **. Usage Decision**

**14. Defect notification process Scenario**

 **. Activation of inspection type for material**

. **Creation of inspection plan**

 **. Inspection lot creation**

 **. Results Recording**

**. Rejection of MICS**

**. Generation of notification**

**.Processing and closing the notification**

 **. Usage Decision**

**15. Statistical process control process Scenario**

**. Activation of inspection type for material**

**. Creation of MIC`S with SPC control indicator**

**.Define control charts**

**.Assigning in sampling procedure with spc inspection**

. **Creation of inspection plan**

 **. Inspection lot creation or generation**

 **. Results Recording**

 **. Usage Decision**

**. Display of Control charts**

**16. Creation Quality certificate** Scenario

**. Activation of inspection type for material**

**.Creation of certificate profile**

**.Assignment of certificate profile to material**

. **Creation of inspection plan**

 **. Inspection lot creation**

 **. Results Recording**

**. Usage Decision**

**.Creation of certifate for inspection lot.**

**17. Factory calendar creation**

 **.Creation of public holidays**

 **.Creation holiday calendar**

 **. Creation of Factory calendar**

 **. Assignment of Factory calendar in Plant**

**18. Configuration**

 **.Basic steps**

 **.Inspection types**

 **.work center**

 **.I will provide doc Overall steps to be configured with respect To PDF**

**19. SAP Project Implementation**

 **.Overview**

 **.ASAP Methodology**

**20. Support process for SAP in Real time**

 **. Priority of tickets**

 **. Acknowledge**

 **.Solution**