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Systems

SAP Responsible Design & Production

COURSE CONTENT

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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with leading technologies to bring world-class one-on-one and certification training. Intending to empower professionals and businesses across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training, a comprehensive learning solution with lifetime e-learning access, after-training support and globally recognized training certificates.

About Course

SAP Responsible Design & Production Training provides participants with practical knowledge of sustainability-driven product and packaging processes within the SAP ecosystem. The course focuses on packaging composition, circular economy concepts, EPR obligations, regulatory requirements, sustainability calculations, plastic taxes, data integration, reporting, and compliance workflows, enabling professionals to understand how enterprise data can support responsible production and evolving environmental requirements.

Module 1: Introduction to SAP Responsible Design and Production

- ✓ Overview of SAP Responsible Design and Production
- ✓ Sustainability challenges affecting product and packaging operations
- ✓ Circular economy and responsible production concepts
- ✓ Business drivers for sustainable design and production
- ✓ Introduction to environmental regulations
- ✓ Role of SAP Responsible Design and Production in sustainability initiatives
- ✓ Key solution capabilities
- ✓ Common enterprise use cases
- ✓ Overview of the end-to-end responsible production process

Module 2: Solution Architecture and System Landscape

- ✓ SAP Responsible Design and Production solution landscape
- ✓ Major functional components
- ✓ Cloud-based solution concepts
- ✓ Relationship with the broader SAP ecosystem
- ✓ Source systems and sustainability data
- ✓ Understanding data flow across the solution
- ✓ Business users, responsibilities, and process ownership
- ✓ Overview of integration touchpoints
- ✓ System landscape considerations for implementation

Module 3: Master Data and Sustainability-Relevant Data

- ✓ Importance of reliable sustainability data
- ✓ Product and material information
- ✓ Packaging-related master data
- ✓ Organizational and business information
- ✓ Material attributes relevant to environmental reporting
- ✓ Data classifications and sustainability characteristics
- ✓ Managing data quality and completeness
- ✓ Understanding data dependencies
- ✓ Preparing source information for sustainability calculations
- ✓ Data validation considerations

Module 4: Packaging and Material Data Management

- ✓ Introduction to packaging structures
- ✓ Packaging elements and components
- ✓ Primary, secondary, and tertiary packaging concepts
- ✓ Packaging material classifications
- ✓ Material composition and attributes
- ✓ Packaging hierarchy and relationships
- ✓ Product-to-packaging assignments
- ✓ Recycled and recyclable material considerations
- ✓ Maintaining packaging-related information
- ✓ Understanding packaging quantities and weights
- ✓ Packaging data requirements for regulatory calculations
- ✓ Practical packaging structure scenarios

Module 5: Regulations, Policies, and Compliance Requirements

- ✓ Understanding sustainability regulations
- ✓ Regulatory landscape for products and packaging
- ✓ Country and regional regulatory considerations
- ✓ Introduction to regulatory policies
- ✓ Maintaining regulatory requirements
- ✓ Material-specific regulatory rules
- ✓ Packaging-related compliance conditions
- ✓ Effective dates and regulation changes
- ✓ Determining applicable obligations
- ✓ Regulatory data validation
- ✓ Managing evolving sustainability requirements
- ✓ Compliance process considerations

Module 6: Extended Producer Responsibility (EPR) Management

- ✓ Introduction to Extended Producer Responsibility
- ✓ Purpose and principles of EPR
- ✓ Producer obligations and responsibilities
- ✓ Understanding EPR schemes
- ✓ Packaging categories under EPR
- ✓ Material classifications for EPR calculations
- ✓ Country and market-specific requirements
- ✓ Determining relevant product and packaging volumes

- ✓ Fee and obligation determination concepts
- ✓ EPR reporting requirements
- ✓ Reviewing calculated EPR results
- ✓ Practical EPR business scenarios

Module 7: Plastic Taxes, Fees, and Sustainability Obligations

- ✓ Introduction to plastic taxation
- ✓ Business impact of plastic-related regulations
- ✓ Understanding taxable packaging components
- ✓ Plastic material classifications
- ✓ Recycled-content considerations
- ✓ Taxable and exempt material scenarios
- ✓ Determining applicable quantities
- ✓ Tax and fee calculation concepts
- ✓ Country-specific variations
- ✓ Reviewing plastic tax results
- ✓ Supporting environmental fee requirements
- ✓ Practical plastic-tax scenarios

Module 8: Sustainability Calculations and Data Processing

- ✓ Understanding calculation processes
- ✓ Input data used in sustainability calculations
- ✓ Product and packaging quantity determination
- ✓ Material weight and composition calculations
- ✓ Applying regulatory rules to business data

- ✓ Calculation periods and reporting periods
- ✓ Processing sustainability obligations
- ✓ Reviewing calculation results
- ✓ Identifying incomplete or inconsistent data
- ✓ Handling calculation exceptions
- ✓ Recalculation considerations
- ✓ Validation of compliance results

Module 9: Dashboards, Analytics, and Compliance Reporting

- ✓ Overview of analytical capabilities
- ✓ Sustainability dashboards
- ✓ Monitoring packaging and material information
- ✓ Reviewing environmental obligations
- ✓ Analysis of regulatory results
- ✓ EPR reporting information
- ✓ Plastic tax reporting information
- ✓ Filtering and analyzing sustainability data
- ✓ Identifying data quality issues
- ✓ Supporting regulatory declarations
- ✓ Exporting and using reporting information
- ✓ Using insights to support sustainability decisions

Module 10: Integration, Data Exchange, and Operational Processes

- ✓ Integration concepts for SAP Responsible Design and Production
- ✓ Understanding source-system connectivity
- ✓ Product and material data exchange
- ✓ Packaging information integration
- ✓ Transactional data considerations
- ✓ Data synchronization concepts
- ✓ Integration with relevant SAP business processes
- ✓ Data mapping considerations
- ✓ Monitoring information exchange
- ✓ Identifying integration and data consistency issues
- ✓ Maintaining reliable sustainability information across systems
- ✓ Integration considerations for enterprise landscapes

Module 11: Implementation Considerations, Practical Scenarios, and Best Practices

- ✓ Understanding implementation requirements
- ✓ Identifying sustainability business requirements
- ✓ Regulatory scope assessment
- ✓ Preparing product and packaging data
- ✓ Mapping business requirements to solution capabilities
- ✓ Organizing regulatory and compliance information
- ✓ Data quality and governance considerations
- ✓ Testing calculation scenarios

- ✓ Validating regulatory results
- ✓ User acceptance considerations
- ✓ Handling regulatory updates
- ✓ Operational monitoring practices
- ✓ Practical EPR scenario
- ✓ Practical plastic tax scenario
- ✓ Packaging sustainability reporting scenario
- ✓ End-to-end responsible production process walkthrough
- ✓ Implementation and operational best practices