

Table of Contents

A.	Organization.....	4
1.	Production.....	4
1.1.	MRP Controller.....	4
1.2.	Person Responsible for the Supply Area.....	5
B.	Master Data	5
1.	Production.....	6
1.1.	Discrete Production.....	6
1.1.1.	Production Version.....	6
1.1.2.	Work Center.....	6
1.1.2.1.	Work Center.....	6
1.1.2.2.	Capacity.....	7
1.1.2.3.	Shift Sequence	7
1.1.3.	Routing.....	7
1.1.3.1.	Routings.....	7
1.1.3.2.	Reference Operation Set.....	9
1.1.3.3.	Production Resources and Tools	9
1.1.3.4.	Standard Trigger Point	9
1.1.4.	CAPP Standard Values Calculation.....	10
1.1.4.1.	CAPP Formula.....	10
1.2.	Repetitive Manufacturing	10
1.2.1.	Production Version.....	10
1.2.2.	Product Cost Collectors	10
1.2.3.	Planning ID	10
1.2.4.	Line Design	10
1.2.4.1.	Rate Routing.....	10
1.2.4.2.	Reference Rate Routing	12
1.2.4.3.	Line Hierarchy.....	12
1.3.	Process Manufacturing	12
1.3.1.	Production Version.....	12
1.3.2.	Resource.....	12
1.3.2.1.	Resource	12
1.3.2.2.	Capacity.....	14
1.3.2.3.	Shift Sequence	14
1.3.3.	Master Recipe	14
1.3.3.1.	Master Recipe.....	14
1.3.3.2.	Production Resources and Tools	17
1.4.	KANBAN.....	17
1.4.1.	Supply Area	17
1.4.2.	Control Cycle	17
C.	Business Processes.....	18
1.	Production.....	19
1.1.	Discrete Production.....	19
1.1.1.	Production Order Creation.....	19
1.1.1.1.	Conversion of Planned Order.....	19
1.1.1.2.	Creating/Processing Production Order.....	20
1.1.1.3.	Release of Production Order	21
1.1.1.4.	Printout of Production Order.....	22
1.1.2.	Material Staging.....	22
1.1.2.1.	Processing the Pull List	22
1.1.2.2.	Picking	22
1.1.2.3.	One-Step Stock Transfer	22
1.1.2.4.	Two-Step Stock Transfer	23
1.1.2.5.	Request WM Material Staging.....	23
1.1.2.6.	Stock Removal Processing.....	23
1.1.2.7.	Confirmation of Removal f. Storage	24
1.1.3.	Capacity Requirements Planning	24
1.1.3.1.	Capacity Evaluation.....	24
1.1.3.2.	Capacity Dispatching and Leveling	24
1.1.4.	Production Order Execution.....	25
1.1.4.1.	Goods Issue Processing for Production Orders	25

1.1.4.2.	Production Order Execution	25
1.1.4.3.	Backorder Processing	26
1.1.4.4.	Production Order Confirmation.....	26
1.1.4.5.	Processing of Goods Receipts from Production.....	27
1.1.4.6.	Stock Placement Processing.....	28
1.1.4.7.	Confirmation of Stock Placement	30
1.1.5.	Evaluation and Mass Processing.....	30
1.1.5.1.	Mass Processing: Production Order.....	30
1.1.5.2.	Evaluations: Logistics Information System.....	30
1.2.	Repetitive Manufacturing	31
1.2.1.	Processing of Master Production Schedule.....	32
1.2.1.1.	Production Planning in the Planning Table	32
1.2.1.2.	Sequencing.....	32
1.2.2.	Material Staging	32
1.2.2.1.	Processing the Pull List	32
1.2.2.2.	Stock Removal Processing.....	33
1.2.2.3.	Confirmation of Removal f. Storage	34
1.2.3.	Production Execution and Actual Data Creation	34
1.2.3.1.	Production Execution (with Run Schedule Quantities).....	34
1.2.3.2.	REM Backflush	34
1.2.3.3.	Reprocessing Backflushed Items	35
1.2.4.	Evaluations: Logistics Information System	35
1.2.4.1.	Evaluations: Logistics Information System.....	35
1.3.	Process Manufacturing	35
1.3.1.	Process Order	36
1.3.1.1.	Production Campaign Processing	36
1.3.1.2.	Planned Order Processing	36
1.3.1.3.	Conversion of Planned Order	36
1.3.1.4.	Process Order Creation and Processing.....	36
1.3.1.5.	Release of Process Order	38
1.3.1.6.	Process Order Print	39
1.3.2.	Capacity Requirements Planning	39
1.3.2.1.	Capacity Evaluation.....	39
1.3.2.2.	Capacity Dispatching and Leveling	39
1.3.2.3.	Process Flow Scheduler (PFS) - Capacity Planning and Optimization.....	39
1.3.3.	Material Staging.....	40
1.3.3.1.	One-Step Stock Transfer	40
1.3.3.2.	Two-Step Stock Transfer	40
1.3.3.3.	Request WM Material Staging.....	40
1.3.3.4.	Stock Removal Processing.....	40
1.3.3.5.	Confirmation of Removal f. Storage	41
1.3.4.	Process Order Execution.....	41
1.3.4.1.	Goods Issue for Process Order	41
1.3.4.2.	Process Order Execution.....	42
1.3.4.3.	Backorder Processing	43
1.3.4.4.	Process Order Confirmation	43
1.3.4.5.	GR Processing from Production	44
1.3.5.	Process Management.....	45
1.3.5.1.	Control Recipe Creation	45
1.3.5.2.	Control Recipe Transfer	45
1.3.5.3.	PI Sheet Processing	45
1.3.5.4.	Processing Process Manufacturing Cockpit.....	46
1.3.5.5.	Process Order Processing with Process Control System	46
1.3.5.6.	Create Process Message	46
1.3.5.7.	Process Message Processing and Transfer.....	46
1.3.6.	Process Data Documentation / Process Order Completion	47
1.3.6.1.	Material Reconciliation	47

1.3.6.2.	Batch Record Archiving	47
1.3.6.3.	Process Order Archiving / Deletion	47
1.3.7.	Evaluation and Mass Processing.....	47
1.3.7.1.	Mass Processing: Process Order	47
1.3.7.2.	Evaluations: Logistics Information System.....	47
1.4.	Production Supply with KANBAN.....	48
1.4.1.	Trigger Replenishment Through Kanban Signal	49
1.4.1.1.	Trigger Replenishment Through Kanban Signal	49
1.4.2.	Replenishment In-House Production with Production Order	49
1.4.2.1.	Production Order Release	49
1.4.2.2.	Printout of Production Order.....	50
1.4.2.3.	Production Order Execution	50
1.4.2.4.	Production Order Confirmation (no Link to Goods Receipt).....	50
1.4.2.5.	Goods Receipt Processing (Kanban Set to FULL Automatically)	51
1.4.2.6.	Production Order Confirmation (Link to Goods Receipt).....	52
1.4.3.	Replenishment In-House Production with Run Schedule Quantities	52
1.4.3.1.	Production planning in the planning table	52
1.4.3.2.	Production Execution (With Run Schedule Quantities)	53
1.4.3.3.	Backflush Kanban (Automatic GR, GI, Kanban Set to FULL)	53
1.4.3.4.	Status Change Kanban to FULL (Automatic GR, GI and Backflush)	53
1.4.4.	Replenishment In-House Production with Manual KANBAN.....	54
1.4.4.1.	Status Change Kanban to FULL (Automatic GR and GI).....	54
1.4.4.2.	Backflush Kanban (Automatic GR and GI, Status Change Kanban)	54
1.4.4.3.	Goods Receipt Processing (Separate).....	54
1.4.5.	Replenishment External Procurement with Standard Purchase Order/Source List 55	
1.4.5.1.	Transmission of Purchase Orders	55
1.4.5.2.	Goods Receipt Processing (Central Delivery)	56
1.4.5.3.	Status Change Kanban to FULL (Delivery to Supply Area)	58
1.4.6.	Replenishment External Procurement with Stock Transfer Orders (Plnt to Plnt ..	59
1.4.6.1.	Goods Issue Processing.....	59
1.4.6.2.	Goods Receipt Processing (Receiving Plant)	60
1.4.6.3.	Status Change Kanban to FULL (Automatic GR).....	61
1.4.7.	Replenishment External Procurement with Scheduling Agreement.....	62
1.4.7.1.	Transmit Scheduling Agreement Schedule Lines	62
1.4.7.2.	Goods Receipt Processing (Central Delivery)	62
1.4.7.3.	Status Change Kanban to FULL (Delivery to Supply Area)	64
1.4.8.	Replenishment External Procurement with Summarized JIT Call.....	64
1.4.8.1.	Status Change Kanban to FULL.....	64
1.4.9.	Replenishment Stock Transfer with Reservation.....	65
1.4.9.1.	Transfer Posting w. Reference to Reservation (Aut. Status Change Kanban) 65	
1.4.9.2.	Status Change Kanban to FULL (Automatic Transfer Posting)	65
1.4.10.	Replenishment Stock Transfer with Direct Transfer Posting	65
1.4.10.1.	Status Change Kanban to FULL.....	65

A. Organization

Questions:

Q: 1) General description

A:

Q: 2) Naming convention

A:

Q: 3) Definition of organizational units

A:

Q: 4) Assignment of organizational units

A:

Q: 5) Changes to enterprise structure

A:

Q: 6) Additional information

A:

Q: 7) Project-specific information

A:

1. Production

1.1. MRP Controller

Questions:

Q: 1) Enter the person or group of persons responsible for a group of materials in MRP within a plant

A:

1.2. Person Responsible for the Supply Area

Questions:

Q: 1) Define the people responsible for production

A:

B. Master Data

Questions:

Q: 1) Requirements/expectations

A:

Q: 2) General description

A:

Q: 3) Naming/numbering conventions

A:

Q: 4) Organizational structure

A:

Q: 5) Changes to enterprise structure

A:

Q: 6) Description of improvements

A:

Q: 7) Description of functional deficits

A:

Q: 8) Approach to tackling functional deficits

A:

Q: 9) Notes on further improvements

A:

Q: 10) System configuration/customizing

A:

Q: 11) Authorization and user roles

A:

Q: 12) Project-specific information

A:

1. Production

1.1. Discrete Production

1.1.1. Production Version

Questions:

Q: 1) Do you require production versions that define materials, with which alternative BOMs or with which task lists/master recipes

A:

1.1.2. Work Center

1.1.2.1. Work Center

Questions:

Q: 1) Do you have different types of work centers and what are the differences between them (e.g. labor work centers, machine work centers, production line)?

A:

Q: 2) To what other master data are your work centers linked (cost center etc.)?

A:

Q: 3) To determine the execution time, the capacity requirement and the costs you require standard values. Which ones (labor time, machine time, set-up time etc.)?

A:

Q: 4) Should default values be maintained in the work center, which can be transferred into routings?

A:

Q: 5) Do you use a human resources management system? In what way is it used?

A:

Q: 6) Will you require capacity planning for your work centers/resources?

A:

Q: 7) Does every work center have a standard capacity or do you maintain shift intervals?

A:

Q: 8) Are work center hierarchies required for capacity evaluation?

A:

1.1.2.2. Capacity

Questions:

Q: 1) Which capacity categories will you require (for example, labor, machine, process unit)?

A:

Q: 2) Will you use pooled capacities (for example, energy, flexible labor groups)?

A:

1.1.2.3. Shift Sequence

Questions:

Q: 1) Will you require in addition to the standard capacity a more precise capacity? If yes, define your shifts and intervals.

A:

1.1.3. Routing

1.1.3.1. Routings

Questions:

Q: 1) For which business processes do you require routings?

A:

Q: 2) Do you have different production methods for the same material (e.g. dependent on the lot size)? Are there several routing alternatives for one material?

A:

Q: 3) Do you require parallel or alternative sequences of operations within a routing?

A:

Q: 4) Do you want to schedule the routings in order to determine the dates for all operations?

A:

Q: 5) Should capacity requirements be created for the operations?

A:

Q: 6) Do you have operations for which you envisage external processing, that is that your vendor will process?

A:

Q: 7) To determine the execution time, the capacity requirement and the costs you require standard values. Which ones (labor time, machine time, set-up time etc.)?

A:

Q: 8) Which objects do you want to allocate to the operations?

A:

Q: 9) Do you want inspection operations in your routings?

A:

Q: 10) Will you require special user-defined fields in your routing for information and printing purposes?

A:

Q: 11) Do you require standardized long texts for the operations (standard text keys)?

A:

Q: 12) What requirements are there regarding change management? How should the validity be defined (based on date or freely definable parameters)? Will existing change histories have to be transferred to the R/3 system?

A:

Q: 13) What requirements do you have regarding routing management (copy functions, mass changes etc.)?

A:

Q: 14) Will you be measuring quality during the production process?

A: Yes
 No

1.1.3.2. Reference Operation Set

Questions:

Q: 1) Are sequences of operations used that remain constant, and which should be used as templates (reference operation sets)?

A:

1.1.3.3. Production Resources and Tools

Questions:

Q: 1) Will you maintain production resources/tools that are used during the processing of your materials?

A:

Q: 2) What kind of production resources/tools do you require?

A:

Q: 3) Do you require inventory management for your production resources/tools?

A:

1.1.3.4. Standard Trigger Point

Questions:

Q: 1) Will you require trigger points (such as all subsequent processes to be released up to final point , all immediate process to be released etc.)?

A:

Q: 2) What functions will you want trigger points to perform?

A:

Q: 3) What system status do you want to you use?

A:

Q: 4) Will you use trigger points to generate rework orders/ standard operations ?

A:

Q: 5) Will you create trigger point groups with standard triggers?

A:

1.1.4. CAPP Standard Values Calculation

1.1.4.1. CAPP Formula

Questions:

Q: 1) Will you want to calculate your standard values with given formulas and methods?

A:

1.2. Repetitive Manufacturing

1.2.1. Production Version

Questions:

Q: 1) Do you require production versions that define materials, with which alternative BOMs or with which task lists/master recipes

A:

1.2.2. Product Cost Collectors

Questions:

Q: 1) If you are working with period-based controlling, do you want to have one cost collector for each production method or for each material?

A:

1.2.3. Planning ID

Questions:

Q: 1) Do you want to use the planning ID to group materials for planning and evaluation?

A:

1.2.4. Line Design

1.2.4.1. Rate Routing

Questions:

Q: 1) For which business processes do you require routings?

A:

Q: 2) Do you have different production methods for the same material (e.g. dependent on the lot size)? Are there several routing alternatives for one material?

A:

Q: 3) Do you require parallel or alternative sequences of operations within a routing?

A:

Q: 4) Do you want to schedule the routings in order to determine the dates for all operations?

A:

Q: 5) Should capacity requirements be created for the operations?

A:

Q: 6) Do you have operations for which you envisage external processing, that is that your vendor will process?

A:

Q: 7) To determine the execution time, the capacity requirement and the costs you require standard values. Which ones (labor time, machine time, set-up time etc.)?

A:

Q: 8) Which objects do you want to allocate to the operations?

A:

Q: 9) Do you want inspection operations in your routings?

A:

Q: 10) Will you require special user-defined fields in your routing for information and printing purposes?

A:

Q: 11) Do you require standardized long texts for the operations (standard text keys)?

A:

Q: 12) What requirements are there regarding change management? How should the validity be defined (based on date or freely definable parameters)? Will existing change histories have to be transferred to the R/3 system?

A:

Q: 13) What requirements do you have regarding routing management (copy functions, mass changes etc.)?

A:

Q: 14) Will you be measuring quality during the production process?

A: Yes
 No

1.2.4.2. Reference Rate Routing

Questions:

Q: 1) Are sequences of operations used that remain constant, and which should be used as templates (reference operation sets)?

A:

1.2.4.3. Line Hierarchy

Questions:

Q: 1) Do you use line balancing, takt-based scheduling or sequencing?

A:

Q: 2) Do you want to represent the structure of a production line (line segment, processing stations and so on) in a hierarchy?

A:

1.3. Process Manufacturing

1.3.1. Production Version

Questions:

Q: 1) Do you require production versions that define materials, with which alternative BOMs or with which task lists/master recipes

A:

1.3.2. Resource

1.3.2.1. Resource

Questions:

Q: 1) Will you use different resource categories and what will be the differences between them (for example, labor resources, storage resources, processing units)?

A:

Q: 2) Will you produce, for example, in a tank, and will you then store the finished product in this tank until delivery (storage resources)?

A:

Q: 3) What functions shall be fulfilled by your resources? How will you use resources (scheduling, capacity, costs, etc.)?

A:

Q: 4) Do you have resources that you will allocate to the process order on short notice (classification, resource selection)?

A:

Q: 5) With which other objects will resources be linked (cost center, qualification, etc.)? Will there be a link to the Human Resources Management system?

A:

Q: 6) Which standard values will you use (for example, labor time, machine time, setup time)?

A:

Q: 7) Will special formulas be required for certain resources for scheduling, capacity requirements planning, and cost determination?

A:

Q: 8) Do you want default values to be defined in the resource for the master recipe?

A:

Q: 9) Will each resource have a standard available capacity or do you want shift intervals to be maintained?

A:

Q: 10) Do you need resource hierarchies for capacity evaluation purposes?

A:

Q: 11) Will there be restrictions regarding material flow through processing units that can be visually reproduced using a sequence definition or a network?

A:

1.3.2.2. Capacity

Questions:

Q: 1) Which capacity categories will you require (for example, labor, machine, process unit)?

A:

Q: 2) Will you use pooled capacities (for example, energy, flexible labor groups)?

A:

1.3.2.3. Shift Sequence

Questions:

Q: 1) Will you require in addition to the standard capacity a more precise capacity? If yes, define your shifts and intervals.

A:

1.3.3. Master Recipe

1.3.3.1. Master Recipe

Questions:

Q: 1) How many different master recipes will you need?

A:

Q: 2) What will you use recipes for?

A:

Q: 3) Will you have several alternative recipes for one material (for example, depending on the lot size) and do you want these to be combined (recipe group)?

A:

Q: 4) Will you use one recipe to produce different materials?

A:

Q: 5) Do you use formulas to calculate the quantities of the components (material quantity calculation)? Do you want characteristic values such as concentration to be taken into account?

A:

Q: 6) Which control recipe destinations will you need?

A:

Q: 7) If the control recipe destination is a person/group of people, which areas (weighing, quality inspection, production, etc.) will be affected? Do you want to represent this logical distribution according to user department or using material flow?

A:

Q: 8) Which requirements will you have regarding the management of changes? How do you want the validity of the recipe to be defined?

A:

Q: 9) Will you require an approval procedure to change recipes? Will a digital signature be required (change request/order)?

A:

Q: 10) Which relationships will exist between the phases within a recipe?

A:

Q: 11) Do you want the operations/phases to create capacity requirements?

A:

Q: 12) Are the operations/phases be relevant for the calculation?

A:

Q: 13) Which type of processing do you want to be possible for operations?

A:

Q: 14) Which standard values will you use for the operations (for example, labor time, machine time, setup time)?

A:

Q: 15) Will all phases be subject to confirmation?

A:

Q: 16) Will you use milestone confirmations?

A:

Q: 17) Which process instructions will you need?

A:

Q: 18) Will special user fields be required in the master recipe for information and printing purposes?

A:

Q: 19) Besides the actual processing unit, will further resources be allocated to an operation (secondary resources) that are, for example, only used for a limited time (for example, labor, transportation trucks)? Do you want them to be relevant for confirmation

A:

Q: 20) Which objects will be allocated to the phases (for example, components, production resources/tools)?

A:

Q: 21) Will temporary materials (INTRA) with separate material numbers be produced during the production process that will be processed further immediately instead of being delivered to storage?

A:

Q: 22) Will you carry out in-process quality inspections, (assigning inspection characteristics to phases)?

A:

Q: 23) Should the recording of inspection results be carried out in QM? Or should it be dealt with in the PI-Sheet (either by a QM-Jump or by sending the information via the process message)?

A:

Q: 24) Which requirements will you have regarding the management of master recipes (copy function, mass changes, etc.)?

A:

1.3.3.2. Production Resources and Tools

Questions:

Q: 1) Will you maintain production resources/tools that are used during the processing of your materials?

A:

Q: 2) What kind of production resources/tools do you require?

A:

Q: 3) Do you require inventory management for your production resources/tools?

A:

Q: 4) Do you want to manage your production resources/tools by quantity alone or also based on localization, value, responsible person etc.?

A:

Q: 5) Do you use production resources/tools which have to be checked or calibrated regularly?

A:

Q: 6) QM: List any external equipment or gauges which will be used to capture results or defects and transfer to the R/3 System.

A:

1.4. KANBAN

1.4.1. Supply Area

Questions:

Q: 1) Define supply areas, which serve as temporary warehouses in Production, in order to directly stage material for production in the work center.

A:

1.4.2. Control Cycle

Questions:

Q: 1) If you use KANBAN, you must determine the relationship between the demand and supply source. Define your control cycles!

A:

Q: 2) Which replenishment strategies will you use?

A:

Q: 3) Which replenishment strategies would you like to use for in-house production?

A:

Q: 4) Which replenishment strategies would you like to use for external procurement?

A:

Q: 5) Which replenishment strategies would you like to use for stock transfer?

A:

Q: 6) Do you want to use the automatic kanban calculation to ensure optimal settings, regular checks and adjustments to the control variables (number of kanbans and material quantity per kanban)?

A:

C. Business Processes

Questions:

Q: 1) Requirements/expectations

A:

Q: 2) General description

A:

Q: 3) Explanation of functions and events

A:

Q: 4) Business model

A:

Q: 5) Organizational structure

A: Yes
 No

Q: 6) Changes to enterprise structure

A:

Q: 7) Description of improvements

A:

Q: 8) Description of functional deficits

A:

Q: 9) Approach to tackling functional deficits

A:

Q: 10) Notes on further improvements

A:

Q: 11) System configuration/Customizing

A:

Q: 12) Authorization and user roles

A:

Q: 13) Project-specific information

A:

1. Production

1.1. Discrete Production

Questions:

Q: 1) Do you require tools based on individual lots and orders for processing your production plans?

A:

1.1.1. Production Order Creation

1.1.1.1. Conversion of Planned Order

Questions:

Q: 1) Which procurement objects do you want to be created during the conversion?

A:

Q: 2) How do you want the planned orders to be converted?

A:

Q: 3) Which criteria do you want to be taken into account during conversion (for example, MRP controller, release date, material, sales order)?

A:

1.1.1.2. Creating/Processing Production Order

Questions:

Q: 1) Do you require different order types in order to, for example, control the automatic selection of routings in various ways, predefine costing data in various ways or specify strategies for batch determination?

A:

Q: 2) On creating a production order various different master data can be transferred. Which criteria do you take into consideration in the selection (for example, validity, lot size range)?

A:

Q: 3) Is it necessary to manually change or complete certain data from the order?

A:

Q: 4) To determine the production dates and capacity requirements of the operations within an order, you must schedule the order. Which types of scheduling do you want to use?

A:

Q: 5) Do you require capacity availability check during order creation?

A:

Q: 6) Do you require material availability check during order creation? Should this check be carried out for individual or for all components of an order?

A:

Q: 7) Do you have operations that are processed externally, that is to say not carried out in your own company but given to a vendor who does the work in his own workshops (e.g. with subcontracting processes or capacity bottlenecks)?

A:

Q: 8) Do you require collective orders in order to carry out functions simultaneously for a set of orders (for example, release, schedule, quantity change, backflush, calculations)?

A:

Q: 9) Do you create and release in one step?

A:

Q: 10) Do you ever need to split an existing production order on which work has already started into two separate production orders? (Mutterauftrag, Tochterauftrag)
müssen?

A:

Q: 11) Do you want to integrate documents from the Document Management System (DMS) into the production order?

A:

Q: 12) Do you want to use simulation orders, for example, to see what effect changes to original data (sales order, master data) have on a production order?

A:

1.1.1.3. Release of Production Order

Questions:

Q: 1) With which procedure do you want to release production orders?

A:

Q: 2) Do you release complete orders or single operations?

A:

Q: 3) Do you require material availability check during order release?

A:

Q: 4) Do you require capacity availability check during order creation?

A:

Q: 5) It is possible to trigger certain functions automatically after the order release (for example, creation of transport requirements, creation of inspection lots, printout of orders, creation of serial numbers). Do you want to make use of this?

A:

1.1.1.4. Printout of Production Order

Questions:

Q: 1) Do you print production documents (e.g. operation control ticket, job ticket, pull list, confirmation slip, time ticket)?

A:

Q: 2) What kind of documents do you need?

A:

1.1.2. Material Staging

1.1.2.1. Processing the Pull List

Questions:

Q: 1) Are your production storage locations separate from the central warehouses?

A:

Q: 2) Is material consumed constantly (KANBAN replenishment) or is consumption irregular (pull list)?

A:

Q: 3) Which replenishment strategies will you use in the pull list?

A:

Q: 4) Will you want to print the pull list?

A:

1.1.2.2. Picking

Questions:

Q: 1) Do you use picking lists with which you can determine and execute all withdrawals still to be executed for a production order?

A:

1.1.2.3. One-Step Stock Transfer

Questions:

Q: 1) In the case of stock transfers, do you wish the material to be immediately available at the receiving plant?

A: Yes
 No

1.1.2.4. Two-Step Stock Transfer

Questions:

Q: 1) Do you want to transport goods receipts to more than one physical storage facility?

A:

1.1.2.5. Request WM Material Staging

Questions:

Q: 1) Do you wish to issue stock material for production/process orders from just one or from several storage locations?

A:

Q: 2) Will the material provision occur from warehouse management (control cycle records)?

A:

1.1.2.6. Stock Removal Processing

Questions:

Q: 1) Do you maintain removal strategies (for example, storage types, storage sections, storage bins)?

A:

Q: 2) Will you carry out multiple removals of stock from storage at one time?

A: Yes
 No

Q: 3) Which of these stock removal strategies are used for internal procurement?

A:

Q: 4) Do you currently create deliveries for internal procurement of materials from plant to plant?

A: Yes
 No

Q: 5) Which picking strategies do you use?

A:

Q: 6) Upon what does the your choice of strategy depend (only in the case of several different strategies)?

A:

Q: 7) On which parameters does the storage bin search process depend when items are removed from storage (e.g. article, type of movement, etc.)?

A:

Q: 8) Do you carry out complete pallet removals and subsequent return transfers? If so, to which location is the merchandise returned?

A:

Q: 9) Which documents are generated, at which times, and with which information, when stock is taken out of storage?

A:

Q: 10) Do you confirm the stock removal?

A:

Q: 11) Will you maintain picking strategies?

A:

1.1.2.7. Confirmation of Removal f. Storage

Questions:

Q: 1) Do you want to confirm the quantities involved in when stock is placed into or taken out of storage manually or automatically?

A:

1.1.3. Capacity Requirements Planning

1.1.3.1. Capacity Evaluation

Questions:

Q: 1) Which order type do you want to use for capacity evaluation?

A:

1.1.3.2. Capacity Dispatching and Leveling

Questions:

Q: 1) Do you want to assign available capacities to order operations?

A: Yes
 No

Q: 2) Which type of planning table do you want to use?

A:

Q: 3) Which planning strategies will you use for Sequencing?

A:

1.1.4. Production Order Execution

1.1.4.1. Goods Issue Processing for Production Orders

Questions:

Q: 1) Do you want to enter the withdrawal of material components for your order manually or post it automatically on the order confirmation (backflush)?

A:

Q: 2) It is possible to withdraw to an order those materials which are not listed as components in the order. Are such unplanned withdrawals possible?

A: Yes
 No

Q: 3) Can planned goods issue quantities differ from the actual quantities? What then happens with the material reservation?

A:

Q: 4) Are there any components in your company that require batch handling? Is batch determination used?

A:

Q: 5) Which mechanism is used to activate a goods issue (for example, a pull list)?

A:

Q: 6) When is the withdrawal posted to an order?

A:

1.1.4.2. Production Order Execution

Questions:

Q: 1) What are the organizational aspects when executing production (responsibilities, scope of work, starting and finishing points)?

A:

Q: 2) Are there any restrictions in the order execution process?

A:

Q: 3) When and how are operations/orders confirmed?

A:

Q: 4) When are goods issues and goods receipts processed?

A:

1.1.4.3. Backorder Processing

Questions:

Q: 1) Do you process backorders (orders which can't be shipped when they're requested)?

A: Yes
 No

Q: 2) How do you resolve missing parts situations?

A:

Q: 3) Do backorders receive priority over normal deliveries (sales)?

A: Yes
 No

1.1.4.4. Production Order Confirmation

Questions:

Q: 1) There are various ways of entering backflushes in an order. Which do you want to use?

A:

Q: 2) Which data must be confirmed (quantities, dates, personnel data, scrap, etc)?

A:

Q: 3) Should material withdrawals for a production order be automatically posted during confirmation (backflushing)?

A:

Q: 4) Should goods issue be posted automatically to the storage location while backflushing an operation?

A:

Q: 5) Do you use plant data collection (PDC)?

A:

Q: 6) Should the backflush be entered using a barcode scanner?

A:

1.1.4.5. Processing of Goods Receipts from Production

Questions:

Q: 1) What requirements do you have with regard to the quantity of goods received?

A:

Q: 2) Do you tolerate variances viz a viz the planned quantity of a goods receipt?

A:

Q: 3) Is the "delivery completed" indicator to be set automatically?

A:

Q: 4) Do you want to initially post inward movements into the warehouse/stores to "stock in quality inspection"?

A:

Q: 5) Which mechanism do you use to trigger a goods receipt?

A:

Q: 6) When do you post the goods receipt in the case of an order?

A:

Q: 7) Are batches to be created at the time of a goods receipt?

A:

Q: 8) Are serial numbers to be created in the case of a goods receipt?

A:

1.1.4.6. Stock Placement Processing

Questions:

Q: 1) Are pallets managed in the system with a unique number?

A: Yes
 No

Q: 2) Are materials posted to quality inspection after goods receipt, or are they in unrestricted-use stock?

A:

Q: 3) Can goods be issued directly from the goods receipt area?

A: Yes
 No

Q: 4) Do you post your materials to "blocked stock"?

A: Yes
 No

Q: 5) Do you post your materials to return delivery stock?

A: Yes
 No

Q: 6) Describe the individual steps from external goods receipt to final placement in storage (putaway).

A:

Q: 7) Do you have capacity limits for your storage bins, for example, weight, volume...?

A: Yes
 No

Q: 8) Is a transfer requirement to be generated automatically at the time of a goods receipt with reference?

A:

Q: 9) For which goods movements are transfer orders to be created automatically?

A:

Q: 10) What kind of form (printout) do you need for stock putaways (GR slip, transfer order form, sticker, etc.)?

A:

Q: 11) Is procured material pending inspection posted to stock or does it remain in the goods receipt storage area? What happens with the samples: - Keep in GR area - post to stock - move to inspection area?

A:

Q: 12) Which parameters determine your putaway strategies?
etermining the appropriate storage bin.

A:

Q: 13) Do you print the stock placement (putaway) document when the transfer order is created?

A: Yes
 No

Q: 14) Are transfer orders confirmed manually or automatically?

A:

Q: 15) Please list the storage types that will have placement confirmation.

A:

Q: 16) Does your legacy system automatically determine the storage bin in which to place the materials? Is this done manually?

A:

Q: 17) Who is notified of a stock putaway? How is this person notified?

A:

Q: 18) Will you maintain placement strategies (for example, storage types, storage sections, storage bins) for your stock materials?

A:

Q: 19) How many storage bins do you have per storage type?

A:

Q: 20) How many stock putaways (items) do you have per day?

A:

Q: 21) Do you receive consignment stock from vendors?

A: Yes
 No

Q: 22) Do you receive articles that have batch or serial numbers from vendors?

A:

Q: 23) Do you create a pre-allocation of your materials within warehouse management?

A: Yes
 No

Q: 24) Do you group together your pick list for multiple processing for a particular shipping point, route, pick date, stock placement, stock removal?

A:

Q: 25) Do you receive materials with batch or serial numbers from vendors?

A:

1.1.4.7. Confirmation of Stock Placement

Questions:

Q: 1) Do you want to confirm the quantities involved in when stock is placed into or taken out of storage manually or automatically?

A:

1.1.5. Evaluation and Mass Processing

1.1.5.1. Mass Processing: Production Order

Questions:

Q: 1) Do you want to use mass processing to execute certain production order functions?

A:

1.1.5.2. Evaluations: Logistics Information System

Questions:

Q: 1) Which analysis system is defined in your company?

A:

Q: 2) Please describe in detail the different analyses/reports that you will use.

A:

1.2. Repetitive Manufacturing

Questions:

Q: 1) Do you require period and quantity-based tools for processing your production plans?

A:

Q: 2) Do you produce the same product or a similar product over a longer period?

A:

Q: 3) Do your products always flow through the machines and work centers in the same sequence?

A:

Q: 4) Do you use Repetitive Manufacturing as a make-to-stock tool, that is, with no direct reference to the sales order?

A:

Q: 5) Do you use Repetitive Manufacturing as an order-oriented production tool based on sales orders (valuated or unvaluated stock)?

A:

Q: 6) Do you use repetitive manufacturing as production lot oriented production?

A:

Q: 7) Will you require reporting points?

A:

Q: 8) Will you want to post activities?

A:

Q: 9) Which form of scheduling will you require?

A:

1.2.1. Processing of Master Production Schedule

1.2.1.1. Production Planning in the Planning Table

Questions:

Q: 1) Which type of scheduling do you want to use?

A:

Q: 2) Which combination of the planning tools will you use?

A:

Q: 3) How will you create run schedule quantities?

A:

Q: 4) How will you assign the production version to the production line?

A:

Q: 5) Are your products produced on several production lines? In the planning table, will you want to monitor the capacity load over several production lines?

A:

1.2.1.2. Sequencing

Questions:

Q: 1) Which process will you use for Sequencing?

A:

1.2.2. Material Staging

1.2.2.1. Processing the Pull List

Questions:

Q: 1) Are your production storage locations separate from the central warehouses?

A:

Q: 2) Is material consumed constantly (KANBAN replenishment) or is consumption irregular (pull list)?

A:

Q: 3) Which replenishment strategies will you use in the pull list?

A:

Q: 4) Will you want to print the pull list?

A:

1.2.2.2. Stock Removal Processing

Questions:

Q: 1) Do you maintain removal strategies (for example, storage types, storage sections, storage bins)?

A:

Q: 2) Will you carry out multiple removals of stock from storage at one time?

A: Yes
 No

Q: 3) Which of these stock removal strategies are used for internal procurement?

A:

Q: 4) Do you currently create deliveries for internal procurement of materials from plant to plant?

A: Yes
 No

Q: 5) Which picking strategies do you use?

A:

Q: 6) Upon what does the your choice of strategy depend (only in the case of several different strategies)?

A:

Q: 7) On which parameters does the storage bin search process depend when items are removed from storage (e.g. article, type of movement, etc.)?

A:

Q: 8) Do you carry out complete pallet removals and subsequent return transfers? If so, to which location is the merchandise returned?

A:

Q: 9) Which documents are generated, at which times, and with which information, when stock is taken out of storage?

A:

Q: 10) Do you confirm the stock removal?

A:

Q: 11) Will you maintain picking strategies?

A:

1.2.2.3. Confirmation of Removal f. Storage

Questions:

Q: 1) How are the picking results confirmed?

A:

Q: 2) Do you want to confirm the quantities involved in when stock is placed into or taken out of storage manually or automatically?

A:

1.2.3. Production Execution and Actual Data Creation

1.2.3.1. Production Execution (with Run Schedule Quantities)

Questions:

Q: 1) Describe the organizational aspects of production, explain responsibilities, work scope, start and end points.

A:

Q: 2) What are you going to do with the backlog?

A:

Q: 3) Do you want to print the run schedule quantities?

A:

1.2.3.2. REM Backflush

Questions:

Q: 1) Do you want to confirm at the end of the production process (assembly confirmation) ?

A: Yes
 No

Q: 2) Do you want to separate the backflush process, that is, split the backflush into performance critical and performance uncritical processes (separated backflush)?

A:

1.2.3.3. Reprocessing Backflushed Items

Questions:

Q: 1) How will you handle the reprocessing of backflushed items (negative stocks or reprocessing records)?

A:

Q: 2) Do you want to create individual reprocessing records or cumulated reprocessing records?

A:

1.2.4. Evaluations: Logistics Information System

1.2.4.1. Evaluations: Logistics Information System

Questions:

Q: 1) Which analysis system is defined in your company?

A:

Q: 2) Please describe in detail the different analyses/reports that you will use.

A:

1.3. Process Manufacturing

Questions:

Q: 1) Do you require a receipt- or a batch-managed production process?

A:

Q: 2) Do you have products that must meet high quality requirements and comply with legal requirements (FDA, GMP)(Regulated Production)?

A:

Q: 3) Are your products manufactured in a discontinuous process?

A:

Q: 4) Are your products manufactured in a continuous process over a certain period of time?

A:

Q: 5) Do you need a process for filling or packaging your bulk material?

A:

1.3.1. Process Order

1.3.1.1. Production Campaign Processing

Questions:

Q: 1) Do you require production campaigns in order to carry out more efficient setup and clean-out processes and to settle fixed costs to the orders more precisely?

A:

1.3.1.2. Planned Order Processing

Questions:

Q: 1) Are there any specific reasons to change planned orders manually?

A:

1.3.1.3. Conversion of Planned Order

Questions:

Q: 1) Which procurement objects do you want to be created during the conversion?

A:

Q: 2) How do you want the planned orders to be converted?

A:

Q: 3) Which criteria do you want to be taken into account during conversion (for example, MRP controller, release date, material, sales order)?

A:

1.3.1.4. Process Order Creation and Processing

Questions:

Q: 1) How many process orders will you have per period (day, week, month)?

A:

Q: 2) How long will be the typical lead times for process orders?

A:

Q: 3) Which criteria will be taken into account during the selection of master data (production version)?

A:

Q: 4) Which recipes are used (approved recipes or non-approved recipes)?

A:

Q: 5) Do you have multiple outputs during one manufacturing process ? Are the materials that are produced in addition (co-products or by-products) cost-relevant?

A:

Q: 6) Do you require different order types?

P

A:

Q: 7) Will a material availability check be required as part of order creation?

A:

Q: 8) Do you require capacity availability check during order creation?

A:

Q: 9) Which scheduling type will be used?

A:

Q: 10) Will individual operations of an order be processed externally?

A:

Q: 11) Will the batch number for the material to be produced be assigned during order creation (automatically or manually)? Do you want the batch to be classified during automatic assignment?

A:

Q: 12) Will you require a manually triggered batch determination for the components?

A:

Q: 13) Do you want the creation and release of the order to take place in one step?

A:

Q: 14) Which order data will you manually change or add?

A:

Q: 15) Is it necessary to change approved recipes during order processing? Describe the approval procedure.

A:

Q: 16) Will you need special user statuses dependent on the order type?

A:

Q: 17) Will you require material calculation?

A:

Q: 18) Will you need a resource selection?

A:

Q: 19) Do you want the release of an order to only be possible after successful resource selection?

A:

1.3.1.5. Release of Process Order

Questions:

Q: 1) Will you release process orders individually or collectively?

A:

Q: 2) Will you release the complete order or a single operation?

A:

Q: 3) Do you require material availability check during order release?

A:

Q: 4) Will you require capacity availability checking for order release?

A:

Q: 5) Do you want the batch number to be assigned for the material to be produced during order release (automatically)? Do you want the batch to be classified during automatic assignment?

A:

Q: 6) Will you need an automatic batch determination for the components?

A:

Q: 7) Which functions should be automatically triggered after order release (e.g. creation of transport requirements, creation of inspection lots, printout of orders)?

A:

Q: 8) Should control recipes be created with the order release?

A:

1.3.1.6. Process Order Print

Questions:

Q: 1) Which shop floor papers do you need?

A:

1.3.2. Capacity Requirements Planning

1.3.2.1. Capacity Evaluation

Questions:

Q: 1) Which order type do you want to use for capacity evaluation?

A:

1.3.2.2. Capacity Dispatching and Leveling

Questions:

Q: 1) Do you want to assign available capacities to order operations?

A: Yes
 No

Q: 2) Which type of planning table do you want to use?

A:

Q: 3) Which planning strategies will you use for Sequencing?

A:

1.3.2.3. Process Flow Scheduler (PFS) - Capacity Planning and Optimization

Questions:

Q: 1) Do you use the process Flow Scheduler (PFS)?

A:

1.3.3. Material Staging

1.3.3.1. One-Step Stock Transfer

Questions:

Q: 1) In the case of stock transfers, do you wish the material to be immediately available at the receiving plant?

A: Yes
 No

1.3.3.2. Two-Step Stock Transfer

Questions:

Q: 1) Do you want to transport goods receipts to more than one physical storage facility?

A:

1.3.3.3. Request WM Material Staging

Questions:

Q: 1) Do you wish to issue stock material for production/process orders from just one or from several storage locations?

A:

Q: 2) Will the material provision occur from warehouse management (control cycle records)?

A:

1.3.3.4. Stock Removal Processing

Questions:

Q: 1) Do you maintain removal strategies (for example, storage types, storage sections, storage bins)?

A:

Q: 2) Will you carry out multiple removals of stock from storage at one time?

A: Yes
 No

Q: 3) Which of these stock removal strategies are used for internal procurement?

A:

Q: 4) Do you currently create deliveries for internal procurement of materials from plant to plant?

A: Yes
 No

Q: 5) Which picking strategies do you use?

A:

Q: 6) Upon what does the your choice of strategy depend (only in the case of several different strategies)?

A:

Q: 7) On which parameters does the storage bin search process depend when items are removed from storage (e.g. article, type of movement, etc.)?

A:

Q: 8) Do you carry out complete pallet removals and subsequent return transfers? If so, to which location is the merchandise returned?

A:

Q: 9) Which documents are generated, at which times, and with which information, when stock is taken out of storage?

A:

Q: 10) Do you confirm the stock removal?

A:

Q: 11) Will you maintain picking strategies?

A:

1.3.3.5. Confirmation of Removal f. Storage

Questions:

Q: 1) Do you want to confirm the quantities involved in when stock is placed into or taken out of storage manually or automatically?

A:

1.3.4. Process Order Execution

1.3.4.1. Goods Issue for Process Order

Questions:

Q: 1) Do you want the goods issue to be processed using the PI sheet or with the goods issue transaction?

A:

Q: 2) Do you want goods issue to take place manually or automatically (backflush)?

A:

Q: 3) Are there any unplanned goods issues?

A: Yes
 No

Q: 4) Can the planned goods issue quantities be different from the actual quantities? What will then happen to the material reservation?

A:

Q: 5) Will you use components that are batch managed? Will batch determination be used?

A:

Q: 6) Are there any components for which batch determination can take place automatically?

A:

Q: 7) Are there any components for which batch determination must be carried out manually?

A:

Q: 8) Which mechanism will be used to trigger a goods issue (for example, pull list)?

A:

Q: 9) When will the goods issue be posted to an order?

A:

Q: 10) Which process will be used to determine the current consumption dates?

A:

1.3.4.2. Process Order Execution

Questions:

Q: 1) What are the organizational aspects when executing production (responsibilities, scope of work, starting and finishing points)?

A:

Q: 2) When are goods issues and goods receipts processed?

A:

Q: 3) When and how are operations/orders confirmed?

A:

Q: 4) Are there any restrictions in the order execution process?

A:

1.3.4.3. Backorder Processing

Questions:

Q: 1) Do you process backorders (orders which can't be shipped when they're requested)?

A: Yes
 No

Q: 2) How do you resolve missing parts situations?

A:

Q: 3) Do backorders receive priority over normal deliveries (sales)?

A: Yes
 No

1.3.4.4. Process Order Confirmation

Questions:

Q: 1) Do you want the confirmation to be carried out using the PI sheet or the backflush transaction?

A:

Q: 2) Which data do you have to confirm (quantities, dates, scrap, etc.)?

A:

Q: 3) How do you want the backflush to be entered?

A:

Q: 4) Will you need a milestone confirmation?

A:

Q: 5) Do you want a withdrawal for components to be posted during the confirmation (backflush)?

A:

Q: 6) Will you use a plant data collection (PDC)?

A:

Q: 7) Do you want the confirmation be entered using a bar code scanner?

A:

1.3.4.5. GR Processing from Production

Questions:

Q: 1) What requirements do you have with regard to the quantity of goods received?

A:

Q: 2) Do you tolerate variances viz a viz the planned quantity of a goods receipt?

A:

Q: 3) Is the "delivery completed" indicator to be set automatically?

A:

Q: 4) Do you want to initially post inward movements into the warehouse/stores to "stock in quality inspection"?

A:

Q: 5) Which mechanism do you use to trigger a goods receipt?

A:

Q: 6) When do you post the goods receipt in the case of an order?

A:

Q: 7) Are batches to be created at the time of a goods receipt?

A:

1.3.5. Process Management

1.3.5.1. Control Recipe Creation

Questions:

Q: 1) Should control recipes be created with the order release?

A:

Q: 2) Where will the control recipes be sent?

A:

Q: 3) What will the security requirements be for signatures?

A:

1.3.5.2. Control Recipe Transfer

Questions:

Q: 1) How will your control recipes be sent?

A:

1.3.5.3. PI Sheet Processing

Questions:

Q: 1) Which data do you want to display in the PI sheet (for example, control information, notes with additional information, references to documents, component information)?

A:

Q: 2) Which data do you want to be entered in the PI sheet?

A:

Q: 3) Do you want calculations to be carried out in the PI sheet?

A:

Q: 4) Will you calculate the yield of your production process?

A:

Q: 5) How shall deviations from the planned values be treated (tolerances, follow-on actions, etc.)?

A:

Q: 6) should batch determination be carried out in the PI sheet?

A:

1.3.5.4. Processing Process Manufacturing Cockpit

Questions:

Q: 1) Do you also want to use order-independent cockpits beside PI sheets?

A:

1.3.5.5. Process Order Processing with Process Control System

Questions:

Q: 1) Which functions are fulfilled by your distributed control system ?

A:

Q: 2) Do you have a certified interface between the distributed control system and the SAP System?

A:

Q: 3) Which data will be transferred between the SAP System and distributed control system?

A:

Q: 4) Which information will the process control system collect and perhaps filter?

A:

Q: 5) Which data will the distributed control system return?

A:

Q: 6) Do you want this data to go into the process data documentation?

A:

1.3.5.6. Create Process Message

Questions:

Q: 1) Will process messages ever have to be created manually (for example, during malfunctions, etc.)?

A:

1.3.5.7. Process Message Processing and Transfer

Questions:

Q: 1) How do you want deviations or unplanned events to be reported? Where shall this information be sent (for example, message to mail user)?

A:

Q: 2) How will the sending of the process message be triggered?

A:

Q: 3) Which possible destination types are there?

A:

1.3.6. Process Data Documentation / Process Order Completion

1.3.6.1. Material Reconciliation

Questions:

Q: 1) Do you want to analyze and verify the quantity of ingredients used at the end of the production process by comparing the material quantity that really entered the production process with the planned material quantity?

A:

1.3.6.2. Batch Record Archiving

Questions:

Q: 1) Will customer-specific documents be attached to the batch record?

A:

1.3.6.3. Process Order Archiving / Deletion

Questions:

Q: 1) Describe your specific archiving requirements.

A:

1.3.7. Evaluation and Mass Processing

1.3.7.1. Mass Processing: Process Order

Questions:

Q: 1) Do you want to execute specific process order functions in mass processing?

A:

1.3.7.2. Evaluations: Logistics Information System

Questions:

Q: 1) Which analysis system is defined in your company?

A:

Q: 2) Please describe in detail the different analyses/reports that you will use.

A:

1.4. Production Supply with KANBAN

Questions:

Q: 1) Which type of KANBAN do you use?

A:

Q: 2) Do you have fixed control cycles, in which both the number of containers as well as the container quantity are set and one procurement element is created for each emptied container (classic KANBAN)?

A:

Q: 3) Do you want to use KANBAN integrated with material requirements planning? Are the materials to be planned in the planning run and corresponding procurement proposals created, which provide a preview for the next consumption? Replenishment is, however,

A:

Q: 4) Do you want the quantities withdrawn to be entered directly into the system (manually or plant data collection) and do you want the system to automatically set the kanban to EMPTY when the kanban quantity is reached (KANBAN with quantity signal)?

A:

Q: 5) Do you want kanbans to be generated only on concrete material requirements and then deleted again after replenishment (event-driven KANBAN)?

A:

Q: 6) Do you want to reproduce a "One-card KANBAN", with two containers in a control cycle?

A:

Q: 7) Would you like to use KANBAN cross-plant (possible for the replenishment strategy stock transfer with stock transfer reservation and in-house production with production orders)?

A:

Q: 8) Do you want to use the automatic kanban calculation to ensure optimal settings, regular checks and adjustments to the control variables (number of kanbans and material quantity per kanban)?

A:

Q: 9) Do you want to deliver a kanban directly to your customer via an SD scheduling agreement?

A:

1.4.1. Trigger Replenishment Through Kanban Signal

1.4.1.1. Trigger Replenishment Through Kanban Signal

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.2. Replenishment In-House Production with Production Order

1.4.2.1. Production Order Release

Questions:

Q: 1) With which procedure do you want to release production orders?

A:

Q: 2) Do you release complete orders or single operations?

A:

Q: 3) Do you require material availability check during order release?

A:

Q: 4) Do you require capacity availability check during order creation?

A:

Q: 5) It is possible to trigger certain functions automatically after the order release (for example, creation of transport requirements, creation of inspection lots, printout of orders, creation of serial numbers). Do you want to make use of this?

A:

1.4.2.2. Printout of Production Order

Questions:

Q: 1) Do you print production documents (e.g. operation control ticket, job ticket, pull list, confirmation slip, time ticket)?

A:

Q: 2) What kind of documents do you need?

A:

1.4.2.3. Production Order Execution

Questions:

Q: 1) What are the organizational aspects when executing production (responsibilities, scope of work, starting and finishing points)?

A:

Q: 2) Are there any restrictions in the order execution process?

A:

Q: 3) When and how are operations/orders confirmed?

A:

Q: 4) When are goods issues and goods receipts processed?

A:

1.4.2.4. Production Order Confirmation (no Link to Goods Receipt)

Questions:

Q: 1) There are various ways of entering backflushes in an order. Which do you want to use?

A:

Q: 2) Which data must be confirmed (quantities, dates, personnel data, scrap, etc)?

A:

Q: 3) Should material withdrawals for a production order be automatically posted during confirmation (backflushing)?

A:

Q: 4) Should goods issue be posted automatically to the storage location while backflushing an operation?

A:

Q: 5) Do you use plant data collection (PDC)?

A:

Q: 6) Should the backflush be entered using a barcode scanner?

A:

1.4.2.5. Goods Receipt Processing (Kanban Set to FULL Automatically)

Questions:

Q: 1) What requirements do you have with regard to the quantity of goods received?

A:

Q: 2) Do you tolerate variances viz a viz the planned quantity of a goods receipt?

A:

Q: 3) Is the "delivery completed" indicator to be set automatically?

A:

Q: 4) Do you want to initially post inward movements into the warehouse/stores to "stock in quality inspection"?

A:

Q: 5) Which mechanism do you use to trigger a goods receipt?

A:

Q: 6) When do you post the goods receipt in the case of an order?

A:

Q: 7) Are batches to be created at the time of a goods receipt?

A:

Q: 8) Are serial numbers to be created in the case of a goods receipt?

A:

1.4.2.6. Production Order Confirmation (Link to Goods Receipt)

Questions:

Q: 1) There are various ways of entering backflushes in an order. Which do you want to use?

A:

Q: 2) Which data must be confirmed (quantities, dates, personnel data, scrap, etc)?

A:

Q: 3) Should material withdrawals for a production order be automatically posted during confirmation (backflushing)?

A:

Q: 4) Should goods issue be posted automatically to the storage location while backflushing an operation?

A:

Q: 5) Do you use plant data collection (PDC)?

A:

Q: 6) Should the backflush be entered using a barcode scanner?

A:

1.4.3. Replenishment In-House Production with Run Schedule Quantities

1.4.3.1. Production planning in the planning table

Questions:

Q: 1) Which type of scheduling do you want to use?

A:

Q: 2) Which combination of the planning tools will you use?

A:

Q: 3) How will you create run schedule quantities?

A:

Q: 4) How will you assign the production version to the production line?

A:

Q: 5) Are your products produced on several production lines? In the planning table, will you want to monitor the capacity load over several production lines?

A:

1.4.3.2. Production Execution (With Run Schedule Quantities)

Questions:

Q: 1) Describe the organizational aspects of production, explain responsibilities, work scope, start and end points.

A:

Q: 2) What are you going to do with the backlog?

A:

Q: 3) Do you want to print the run schedule quantities?

A:

1.4.3.3. Backflush Kanban (Automatic GR, GI, Kanban Set to FULL)

Questions:

Q: 1) How do you deal with scrap?

A:

Q: 2) How do you deal with returning excess components?

A:

1.4.3.4. Status Change Kanban to FULL (Automatic GR, GI and Backflush)

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.4. Replenishment In-House Production with Manual KANBAN

1.4.4.1. Status Change Kanban to FULL (Automatic GR and GI)

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.4.2. Backflush Kanban (Automatic GR and GI, Status Change Kanban)

Questions:

Q: 1) How do you deal with scrap?

A:

Q: 2) How do you deal with returning excess components?

A:

1.4.4.3. Goods Receipt Processing (Separate)

Questions:

Q: 1) What requirements do you have with regard to the quantity of goods received?

A:

Q: 2) Do you tolerate variances viz a viz the planned quantity of a goods receipt?

A:

Q: 3) Is the "delivery completed" indicator to be set automatically?

A:

Q: 4) Do you want to initially post inward movements into the warehouse/stores to "stock in quality inspection"?

A:

Q: 5) Which mechanism do you use to trigger a goods receipt?

A:

Q: 6) When do you post the goods receipt in the case of an order?

A:

Q: 7) Are batches to be created at the time of a goods receipt?

A:

Q: 8) Are serial numbers to be created in the case of a goods receipt?

A:

1.4.5. Replenishment External Procurement with Standard Purchase Order/Source List

1.4.5.1. Transmission of Purchase Orders

Questions:

Q: 1) How do your vendors transmit shipping notifications?

A:

Q: 2) What information does the shipping notification contain?

A:

Q: 3) How are your RFQs and rejection letters to your vendors to be transmitted?

A:

Q: 4) How long after ordering and before the time of delivery should a shipping notification have been received?

A:

Q: 5) Are there differences per vendor and/or site? If so, which?

A:

Q: 6) How will you transmit your purchasing documents to your vendors?

A:

Q: 7) Do you wish to adopt vendors' own nomenclature for characteristics (color codes etc.) on your order form?

A:

Q: 8) Are purchase orders automatically created from GRs be transmitted to the vendor?

A: Yes
 No

Q: 9) How are purchase orders to be transmitted?

A:

1.4.5.2. Goods Receipt Processing (Central Delivery)

Questions:

Q: 1) Describe the process for receiving goods with reference to a purchase order.

A:

Q: 2) To which stock do you post materials at the time of their receipt?

A:

Q: 3) Will you post goods you receive to stock in quality inspection?
the goods wherever they should go as a result of the usage decision?

A: Yes
 No

Q: 4) Name the storage locations to which vendors deliver the goods.

A:

Q: 5) Which goods receipt inspections (which may be triggered by the system) and which inspection results (e.g. expiration date) are entered in the system?

A:

Q: 6) Against which reference documents do you effect a goods receipt?

A:

Q: 7) How do you inform the Purchasing Department that goods have been received?

A:

Q: 8) Which information do you use as a basis for planning your goods receipts (volume, weight, expected time requirements, etc.)?

A:

Q: 9) Do you receive quantities less than the ordered quantity? If yes, is the purchase order considered complete then or do you receive the missing quantities later?

A:

Q: 10) For which material types do you wish to record data at the time of goods receipt?

A:

Q: 11) Do you physically store the goods you have received into "stock in quality inspection" at a different location than those posted to normal stock?

A: Yes
 No

Q: 12) Do you allow every material to be stored at all storage locations? Please describe!

A:

Q: 13) Do you use a unit of measure for the pricing of the goods other than the unit you order in? If yes, you can define the variances in customizing.

A:

Q: 14) Do the materials you receive have to be stored for a certain time before they can be used or do they have an expiration date that you want to keep in the system?

A:

Q: 15) Do you refuse to accept deliveries if the vendor has not complied with the shipping instructions? (Can be used to evaluate vendors.)

A: Yes
 No

Q: 16) Which documents are generated with the goods receipt?

A:

Q: 17) Which documents are generated in connection with a goods receipt?

A:

Q: 18) If you use Warehouse Management, describe the stock put-away process (how the goods are placed into storage).

A:

Q: 19) If a goods receipt quantity is assigned to a goods issue, do you want the person who enters the goods receipt to receive a corresponding message?

A:

Q: 20) Will you inspect the material/article at the time of goods receipt? If so, do you enter the goods receipt and the inspection result or do you only enter the goods receipt after the inspection has been carried out?

A: Yes
 No

Q: 21) How is the recipient to be notified of a goods receipt for material intended for direct consumption/usage?

A:

Q: 22) If you are using batch management, how is the batch number determined at the time of goods receipt?

A:

Q: 23) Do you classify the batches at the time of goods receipt? Please specify the criteria.

A:

Q: 24) Is the automatic account determination process defined by Financial Accounting? If not, who is responsible within Logistics?

A:

Q: 25) Do you wish to print out the material document as evidence of a goods movement? Which information should be included in the printout?

A:

1.4.5.3. Status Change Kanban to FULL (Delivery to Supply Area)

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.6. Replenishment External Procurement with Stock Transfer Orders (Plnt to Plnt)

1.4.6.1. Goods Issue Processing

Questions:

Q: 1) How do you document materials that are ordered for specific work orders?

A:

Q: 2) How do you wish to document which materials were received specifically for a work order?

A:

Q: 3) How do you record materials ordered for specific work orders?

A:

Q: 4) How will the consumption of these parts be entered and who will post the return in the system?

A:

Q: 5) How do you record which materials were received specifically for a work order?

A:

Q: 6) How do you record materials supplied by subcontractors?

A:

Q: 7) How much time elapses between the actual goods issue and its posting in the system?

A:

Q: 8) Is the posting made online or in batch mode?

A:

Q: 9) Are deliveries posted individually or for each group of goods issues?

A:

Q: 10) Which documents are generated in conjunction with this posting and what information do they contain?

A:

1.4.6.2. Goods Receipt Processing (Receiving Plant)

Questions:

Q: 1) Describe the process for receiving goods with reference to a purchase order.

A:

Q: 2) Do you use unloading points? If so, what do you use them for?

A:

Q: 3) Name the storage locations to which vendors deliver the goods.

A:

Q: 4) How do you inform the Purchasing Department that goods have been received?

A:

Q: 5) Do you receive quantities less than the ordered quantity? If yes, is the purchase order considered complete then or do you receive the missing quantities later?

A:

Q: 6) Do you physically store the goods you have received into "stock in quality inspection" at a different location than those posted to normal stock?

A: Yes
 No

Q: 7) Do you allow every material to be stored at all storage locations? Please describe!

A:

Q: 8) Do you use a unit of measure for the pricing of the goods other than the unit you order in? If yes, you can define the variances in customizing.

A:

Q: 9) Do the materials you receive have to be stored for a certain time before they can be used or do they have an expiration date that you want to keep in the system?

A:

Q: 10) Do you refuse to accept deliveries if the vendor has not complied with the shipping instructions? (Can be used to evaluate vendors.)

A: Yes
 No

Q: 11) Which documents are generated with the goods receipt?

A:

Q: 12) Which documents are generated in connection with a goods receipt?

A:

Q: 13) If a goods receipt quantity is assigned to a goods issue, do you want the person who enters the goods receipt to receive a corresponding message?

A:

Q: 14) Will you inspect the material/article at the time of goods receipt? If so, do you enter the goods receipt and the inspection result or do you only enter the goods receipt after the inspection has been carried out?

A: Yes
 No

Q: 15) If you are using batch management, how is the batch number determined at the time of goods receipt?

A:

Q: 16) Do you classify the batches at the time of goods receipt? Please specify the criteria.

A:

Q: 17) Is the automatic account determination process defined by Financial Accounting? If not, who is responsible within Logistics?

A:

Q: 18) Do you wish to print out the material document as evidence of a goods movement? Which information should be included in the printout?

A:

1.4.6.3. Status Change Kanban to FULL (Automatic GR)

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.7. Replenishment External Procurement with Scheduling Agreement

1.4.7.1. Transmit Scheduling Agreement Schedule Lines

Questions:

Q: 1) How do you wish to transmit scheduling agreements?

A:

Q: 2) How are your RFQs and rejection letters to your vendors to be transmitted?

A:

Q: 3) Are there differences per vendor and/or site? If so, which?

A:

Q: 4) Create a list of which R/3 messages are sent to which business partners, which IDoc type is used and which EDI standards the messages are to be converted into.

A:

1.4.7.2. Goods Receipt Processing (Central Delivery)

Questions:

Q: 1) Describe the process for receiving goods with reference to a purchase order.

A:

Q: 2) Do you use unloading points? If so, what do you use them for?

A:

Q: 3) Name the storage locations to which vendors deliver the goods.

A:

Q: 4) How do you inform the Purchasing Department that goods have been received?

A:

Q: 5) Do you receive quantities less than the ordered quantity? If yes, is the purchase order considered complete then or do you receive the missing quantities later?

A:

Q: 6) Do you physically store the goods you have received into "stock in quality inspection" at a different location than those posted to normal stock?

A: Yes
 No

Q: 7) Do you allow every material to be stored at all storage locations? Please describe!

A:

Q: 8) Do you use a unit of measure for the pricing of the goods other than the unit you order in? If yes, you can define the variances in customizing.

A:

Q: 9) Do the materials you receive have to be stored for a certain time before they can be used or do they have an expiration date that you want to keep in the system?

A:

Q: 10) Do you refuse to accept deliveries if the vendor has not complied with the shipping instructions? (Can be used to evaluate vendors.)

A: Yes
 No

Q: 11) Which documents are generated with the goods receipt?

A:

Q: 12) Which documents are generated in connection with a goods receipt?

A:

Q: 13) If a goods receipt quantity is assigned to a goods issue, do you want the person who enters the goods receipt to receive a corresponding message?

A:

Q: 14) Will you inspect the material/article at the time of goods receipt? If so, do you enter the goods receipt and the inspection result or do you only enter the goods receipt after the inspection has been carried out?

A: Yes
 No

Q: 15) If you are using batch management, how is the batch number determined at the time of goods receipt?

A:

Q: 16) Do you classify the batches at the time of goods receipt? Please specify the criteria.

A:

Q: 17) Is the automatic account determination process defined by Financial Accounting? If not, who is responsible within Logistics?

A:

Q: 18) Do you wish to print out the material document as evidence of a goods movement? Which information should be included in the printout?

A:

1.4.7.3. Status Change Kanban to FULL (Delivery to Supply Area)

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.8. Replenishment External Procurement with Summarized JIT Call

1.4.8.1. Status Change Kanban to FULL

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.9. Replenishment Stock Transfer with Reservation

1.4.9.1. Transfer Posting w. Reference to Reservation (Aut. Status Change Kanban)

Questions:

Q: 1) In the case of stock transfers, do you wish the material to be immediately available at the receiving plant?

A: Yes
 No

Q: 2) Will you carry out transfer postings without deliveries between sites in which postings are immediately made to stock at the receiving site?

A: Yes
 No

1.4.9.2. Status Change Kanban to FULL (Automatic Transfer Posting)

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A:

1.4.10. Replenishment Stock Transfer with Direct Transfer Posting

1.4.10.1. Status Change Kanban to FULL

Questions:

Q: 1) In which way would you like to change the kanban status?

A:

Q: 2) As well as EMPTY and FULL, do you need further statuses such as WAIT, IN PROCESS, IN TRANSIT and IN USE?

A:

Q: 3) In which way would you like to print the kanban card?

A: