Order Processing with Valuation

Release R/3 Enterprise

WCM GmbH

September 2008





Motivation



Maintenance works in complex installations often require high level security measurements.

However, there are also maintenance works without security measurements.

Valuation gives to the maintenance-planner the possibility to decide himself about the necessary security measurements.

Furthermore the necessary security measurements shall be created automatically.



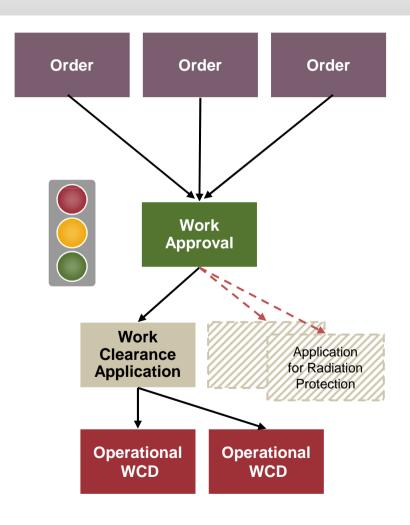
Process Description

- The feed water pump needs maintenance. The necessity of a lockout/tagout is linked to the respective object.
- The person in charge for maintenance plans an order.
- On the basis of the respective technical object, the system realizes that additional security measurements are necessary.
- Valuation is active.
- The maintenance-planner decides that a lockout/tagout is necessary.
- Fire protection measurements are not necessary.
- A working plan will be allocated to the maintenance order. A work process contains a WCD template.
- When WCM objects are created automatically the system proposes a choice according to the valuation. At the same time an Operational WCD is created from the WCD template.
- The WCM objects are linked with the order.



Model

We use the enhanced model for this process.





Roles

These user roles are involved in this process:

Maintenance planner

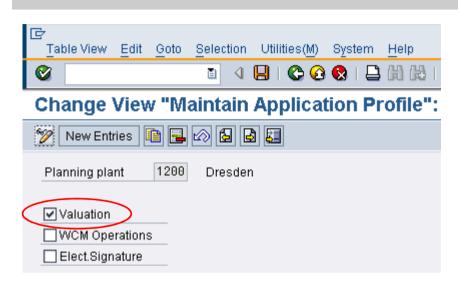


Safety planner





Detailed Process Customizing Setup "Valuation active"

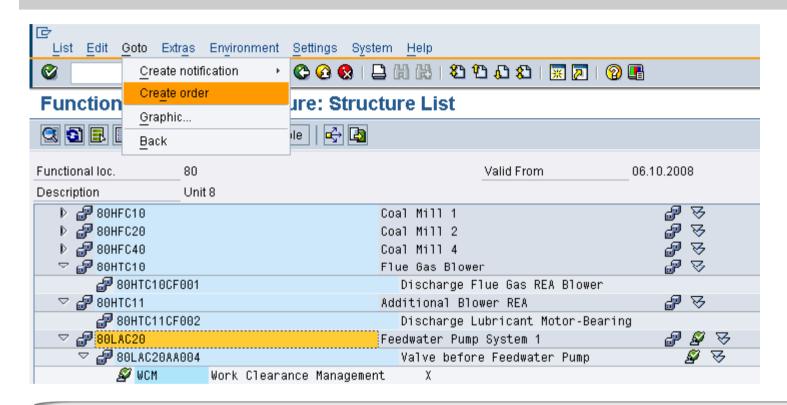


In the customizing the valuation for the planning plant 1200 is activated.



Detailed Process Create an Order



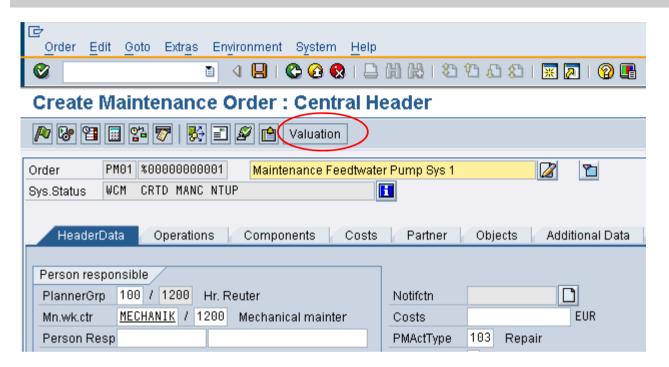


For the feed water pump system 1 an order is created.



Detailed Process Valuation Required



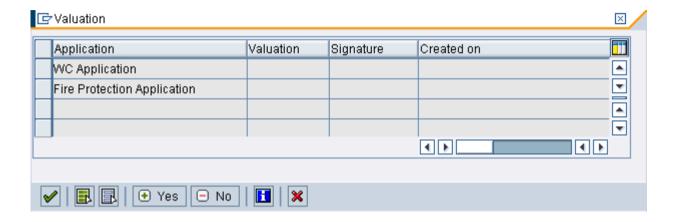


Due to the activated valuation the button "valuation" is shown in the order.



Detailed Process Order - Valuation



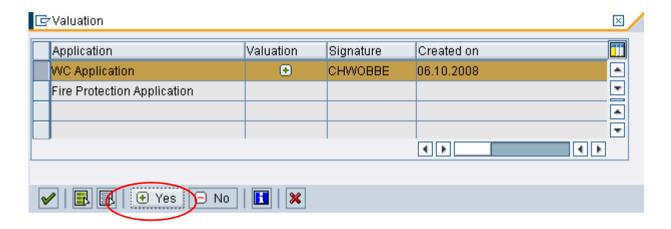


The security planner is shown the possible security measurements. He has to define which security measurements are needed (Yes or No). This will be filed in the system.



Detailed Process Valuation – Lockout/Tagout Necessary



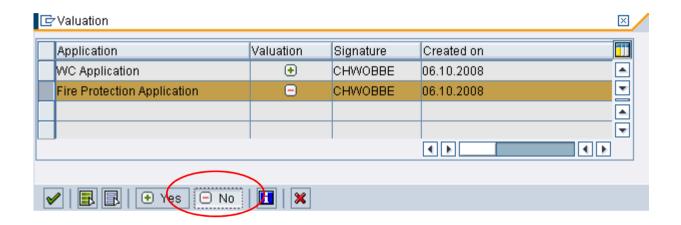


The safety planner decides that a lockout/tagout (work clearance application) is necessary.



Detailed Process Valuation – Fire Protection Certificate not Necessary



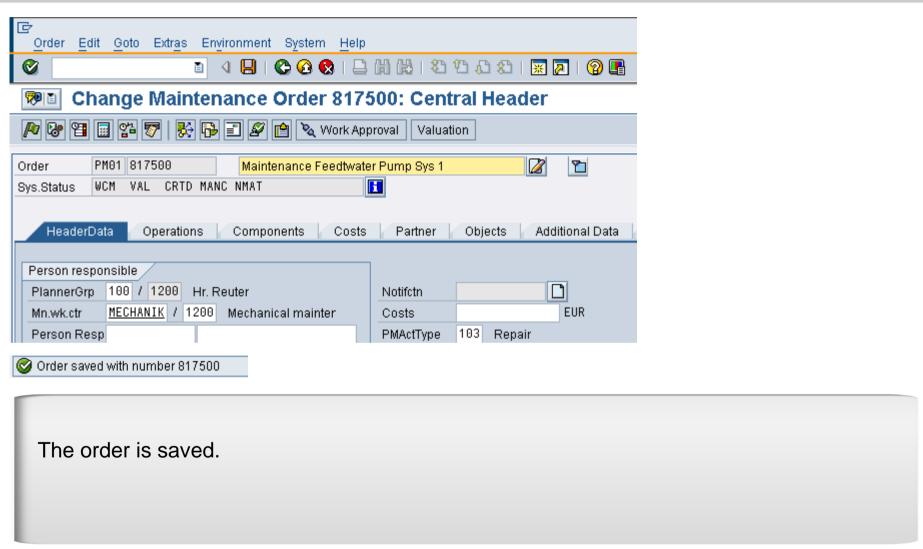


A fire protection certificate is not necessary for the operations.



Detailed Process Save Order

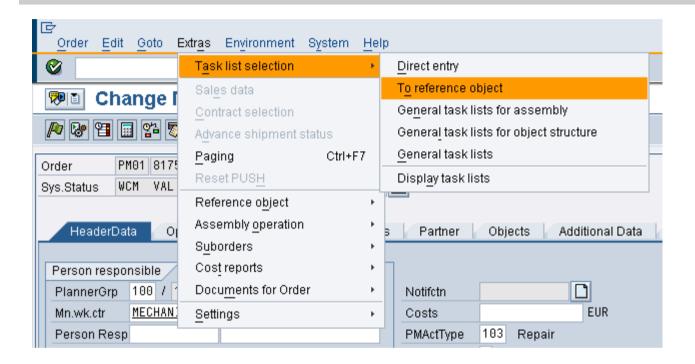






Detailed Process Allocate Task List



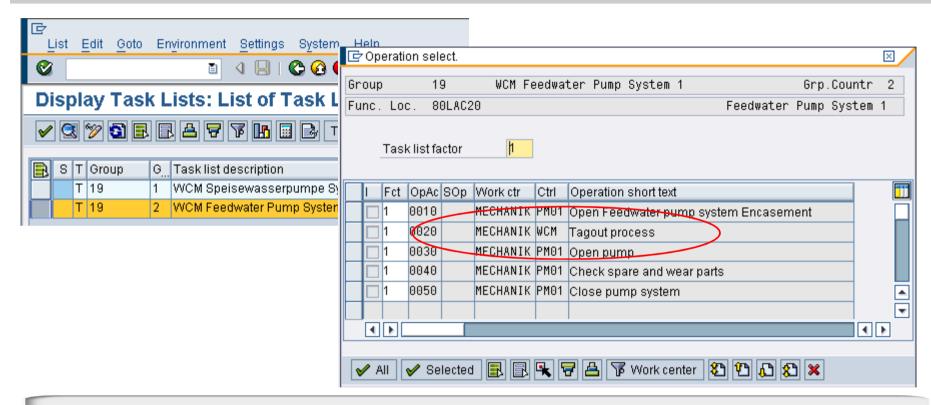


A working plan is allocated to the maintenance order. For the feed water pump there are already ready-made task lists which can be chosen.



Detailed Process Choose Task List



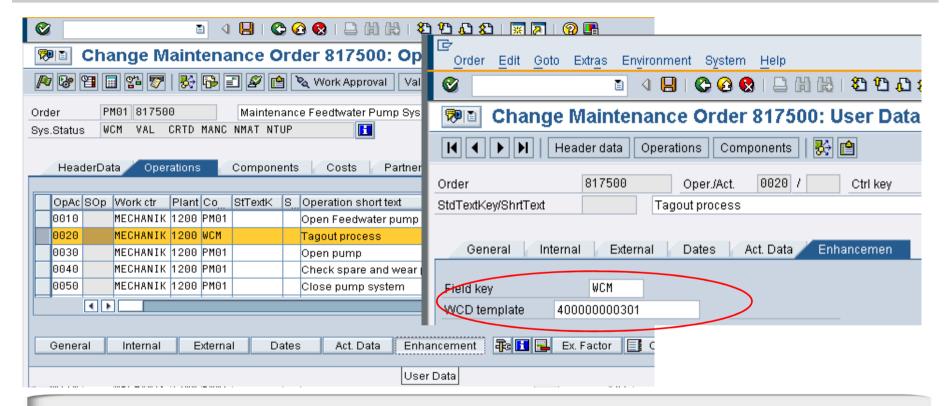


The maintenance planner chooses the desired task list. The task list contains a working process with the control key "WCM" (conduct lockout/tagout).



Detailed Process Task List - Enhancement/User Data



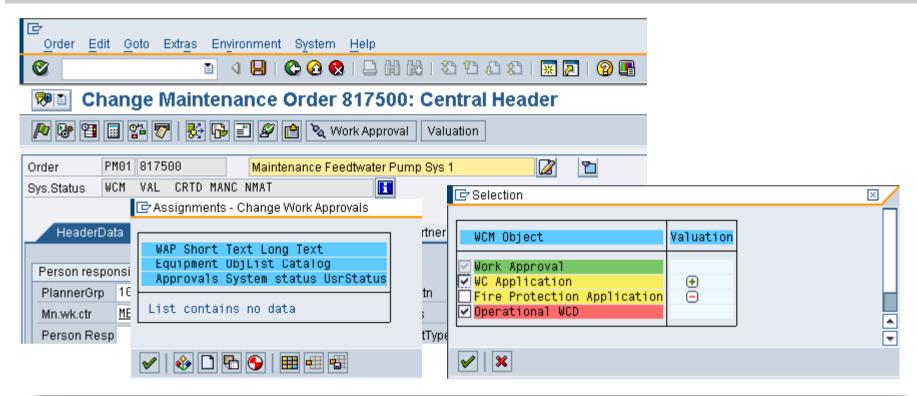


In the user data of the work process it is possible to allocate a WCM template if the key "WCM" is used. This WCD template is used later during the automatic creation of WCM objects.



Detailed Process Automatic creation of WCM objects



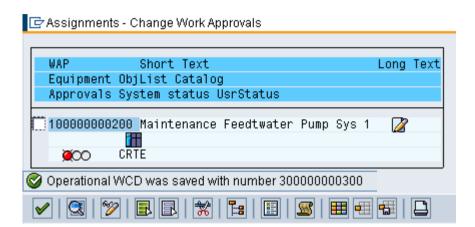


The maintenance planner chooses the allocation of a work permit. With the button on automatic creation of the WCM objects is started. The system proposes WCM objects which are necessary on the base of the valuation.



Detailed Process WCM Objects have been Created

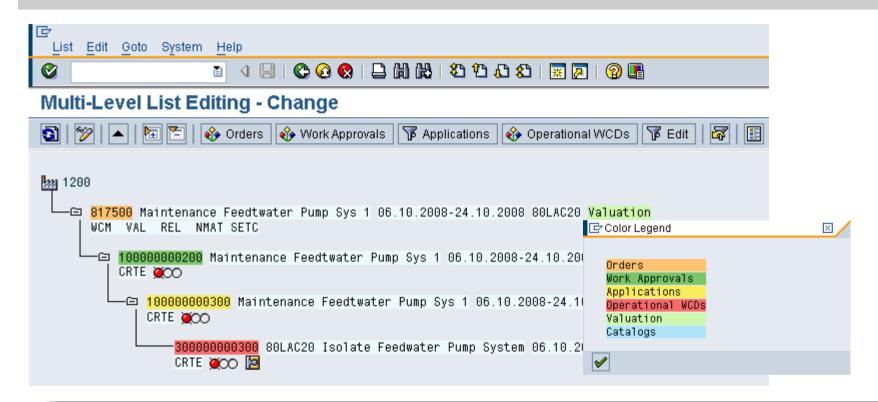




The system has now created a work approval, a work clearance application and an Operational WCD and has linked these to the order.



Detailed Process Overview with Multilevel Lists



The further process is equivalent to the standard process.



Questions and Answers



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