Work Permit Management



Christoph Wobbe

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What is Work Permit Management?









Different Levels of Work Permits

- Work Permits of Level 1
 - High Risk
 - Short Time Frame (1 Shift)

- Work Permits of Level 2
 - Lower Risk







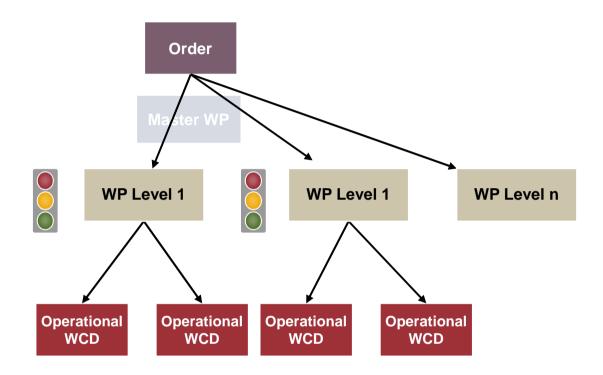
Prerequisites

- Work permit management presupposes the enhanced model.
- If you work with work permits, you must not activate WCM for the operation.
- If you work with work permits, you must not activate valuation.
- In Customizing for Work Clearance Management, you have defined the relevant settings





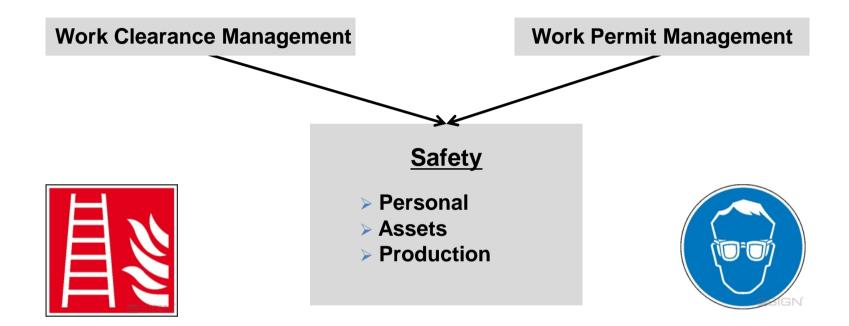
Architecture



Work Permit Management



Work Clearance Management – Work Permit Management









Work Clearance Management

- > Approval Process
- ➤ Lockout/Tagout
- > Conflict Verification
- > Integration into Maintenance Processes







Work Permit Management

- > Approval Process
- > Different Levels of Work Permits
- > Assignment of different Work Permits to an order
- > Temporal Control of Work Permits
- > Integration into Maintenance Processes

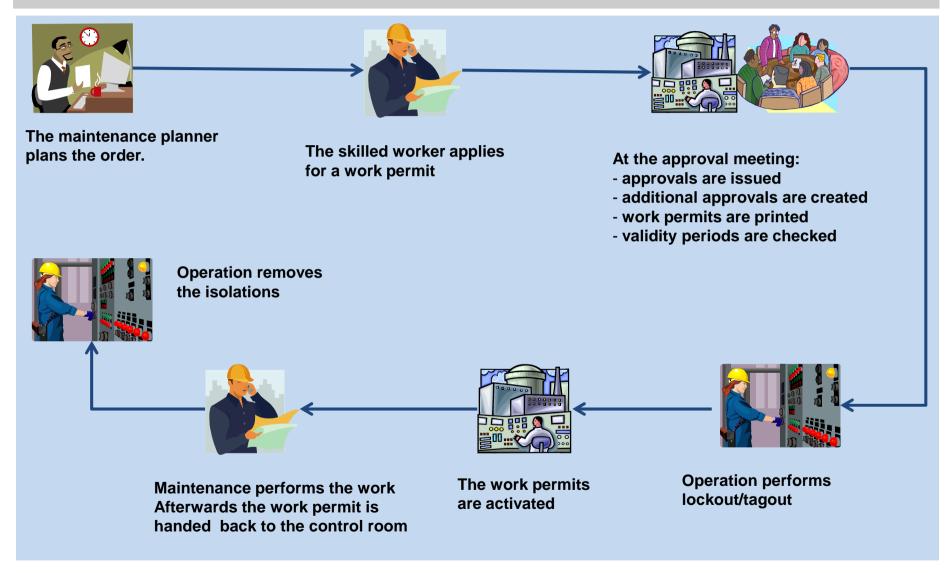








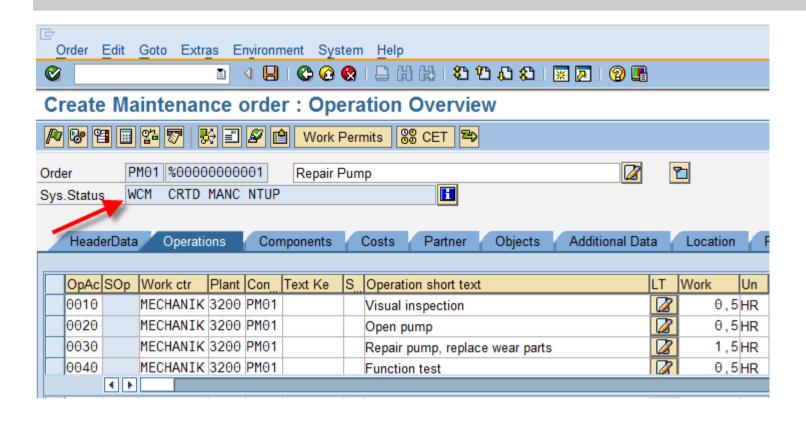
Work Permit Management - Process





Work Permit Management - Process (I)



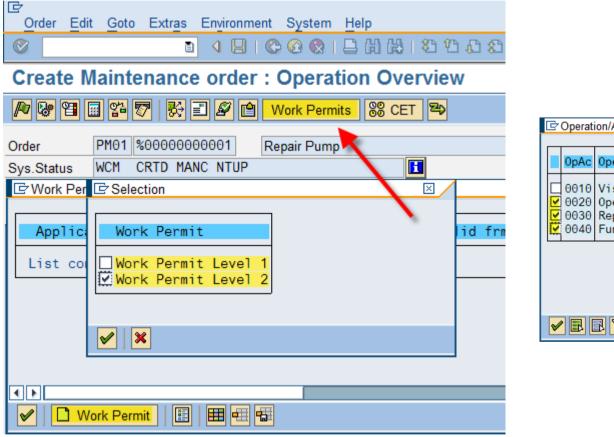


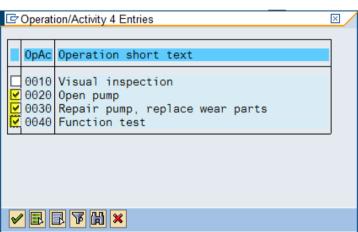
- > Based on a malfunction, the maintenance planner creates an order.
- > The system recognizes that a work permit is required (system status "WCM").



Work Permit Management - Process (II)





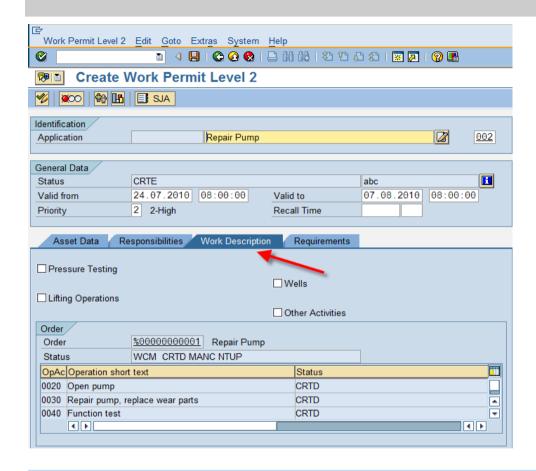


- > A skilled worker applies for a work permit. He creates a work permit level 2.
- He selects the operations of the order which require the work permit.



Work Permit Management - Process (III)



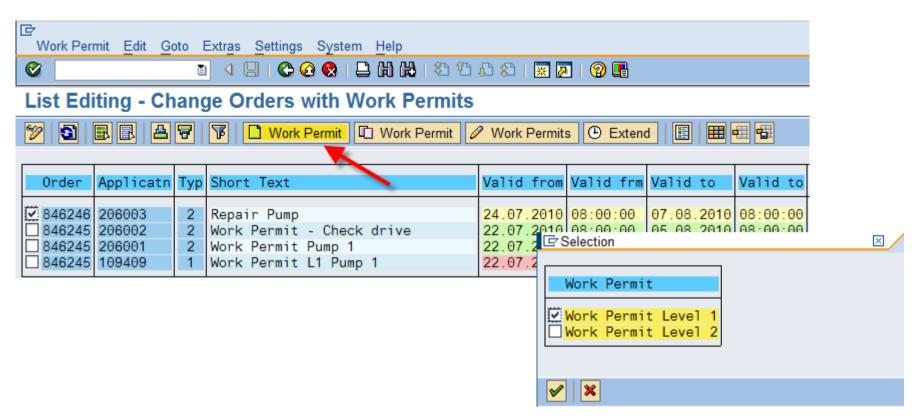


- > The selected operations are copied to the work permit.
- At the work permit, additional work and requirements can be defined.



Work Permit Management - Process (IV)



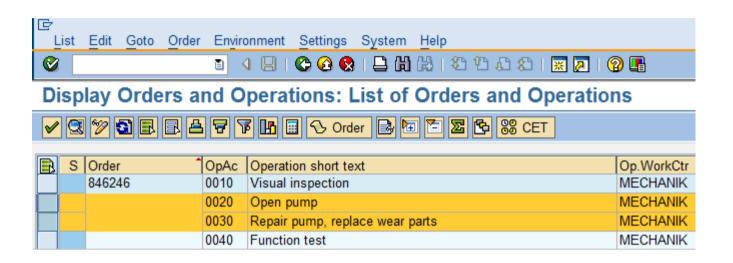


- > At the approval meeting the orders and work permits for the next day are discussed.
- For this maintenance order an additional work permit level 1 with a WC document is required.



Work Permit Management - Process (V)



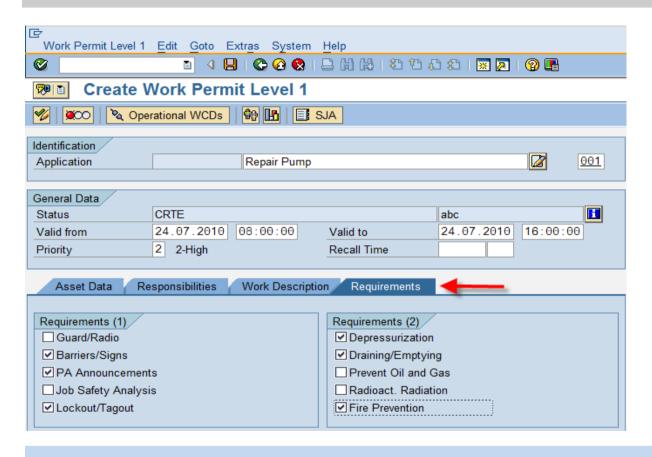


- > A new work permit level 1 is created and the relevant order operations are selected.
- > The different levels of work permits reflect the different levels of risk and safety requirements.



Work Permit Management - Process (VI)



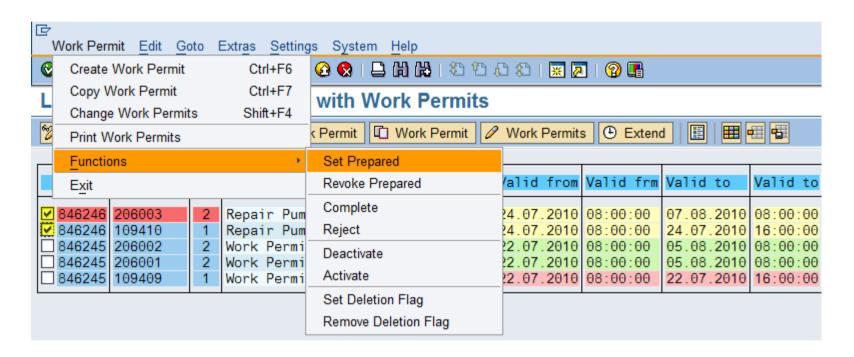


- > Relevant requirements will be marked.
- > A WC document will be created and assigned to the work permit.



Work Permit Management - Process (VII)



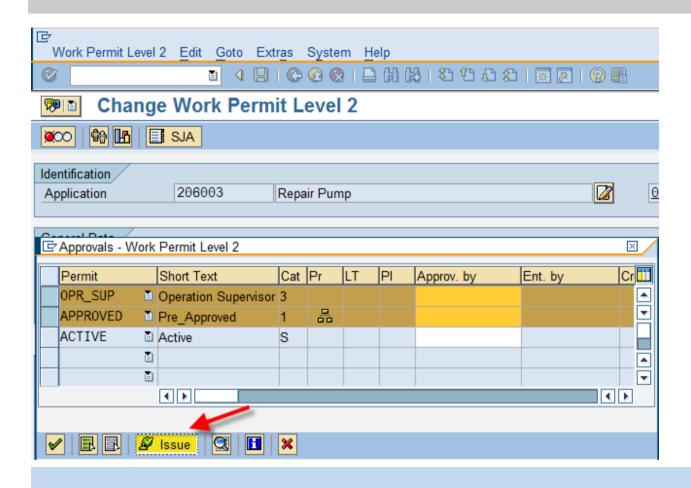


> The work permits are selected and the system status "Prepared" is set.



Work Permit Management - Process (VIII)



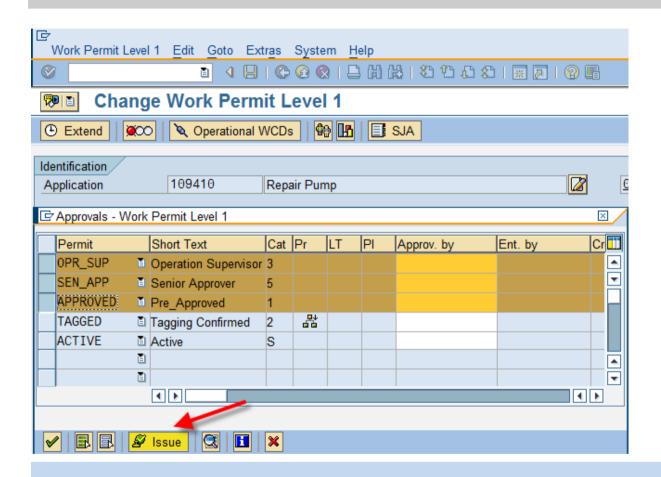


> The responsible persons issue their approvals at the approval meeting.



Work Permit Management - Process (IX)



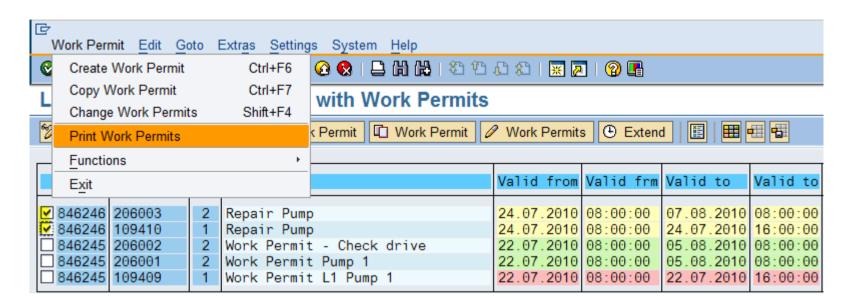


> The work permit level 1 has higher safety requirements and additional approvals have to be issued.



Work Permit Management - Process (X)



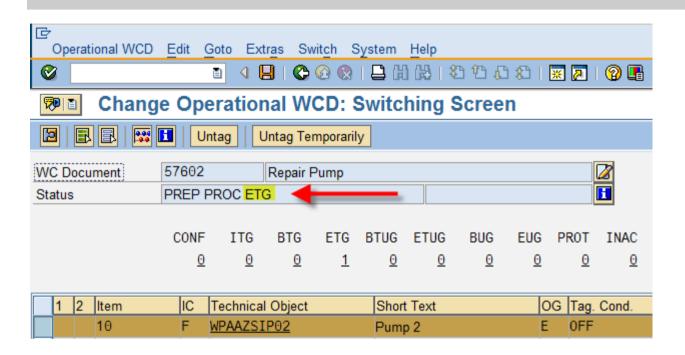


- > The work permit is printed at the control room.
- Next morning the skilled worker pick up his work permits. Different levels of work permits might have different validity periods.



Work Permit Management - Process (XI)



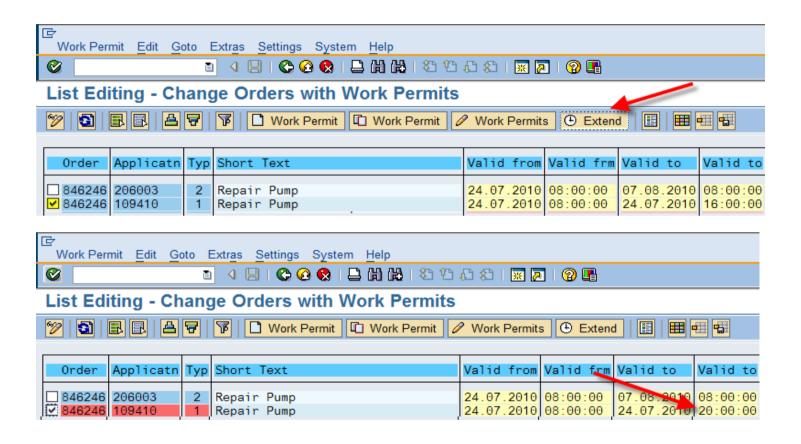


Operation process the isolation. As soon as all isolations are confirmed, the system status "ETG" is set on the header of the WC document.



Work Permit Management - Process (XII)





> The validity period can be extended based on the settings of the system configuration.



Work Permit Management - Process (XIII)



© Work Permit Edit Goto Extras Settings System Help								
List Editing - Change Orders with Work Permits								
**Description **Descript								
0rder	Applicatn	Тур	Short Text	Valid from	Valid frm	Valid to	Valid to	System status
☑ 846246			Repair Pump					PREP CLSD PWP
▼ 846246			Repair Pump					PREP CLSD PWP
846245 846245			Work Permit - Check drive Work Permit Pump 1	22.07.2010		05.08.2010 05.08.2010		
846245			Work Permit L1 Pump 1	22.07.2010		22.07.2010		

- > When the maintenance work is finished, the skilled worker brings the work permit back to the control room.
- The isolations can be removed.



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