

# Anläggning 2

## Drift och underhåll av VA-anläggningar

### Definitioner



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# MAINTENANCE

A combination of all technical administrative and managerial actions during the life cycle of an item intended to retain it in, or restore it to, a state in which it can perform the require function.



**UNDERHÅLL**

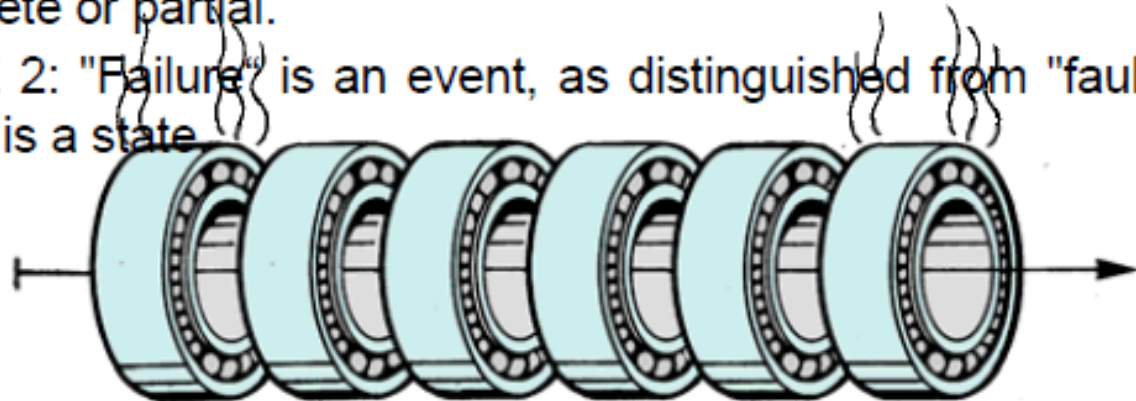
# FAILURE

Termination of the ability of an item to perform a required function.

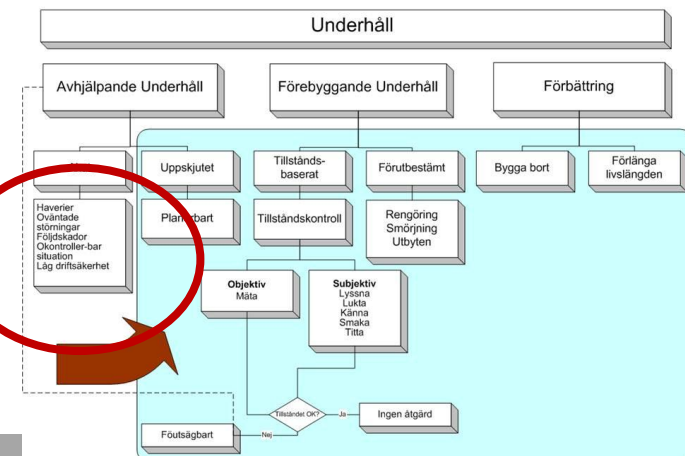


NOTE 1: After failure the item has a fault, which may be complete or partial.

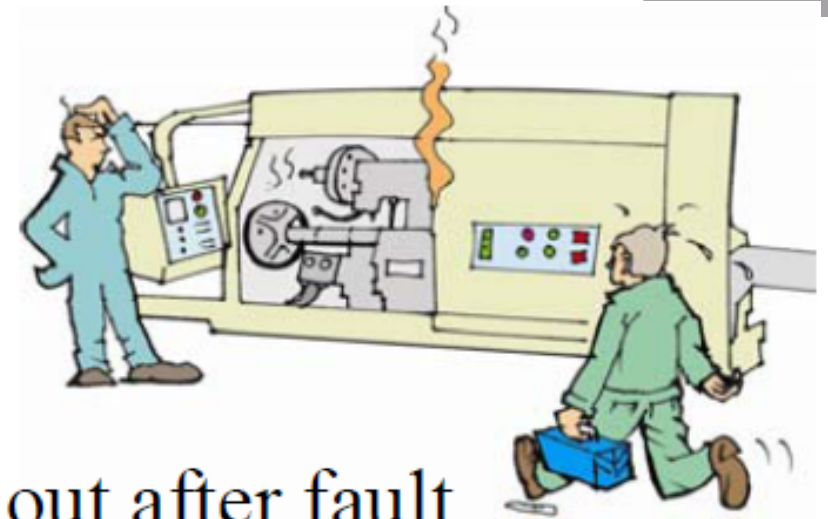
NOTE 2: "Failure" is an event, as distinguished from "fault", which is a state.



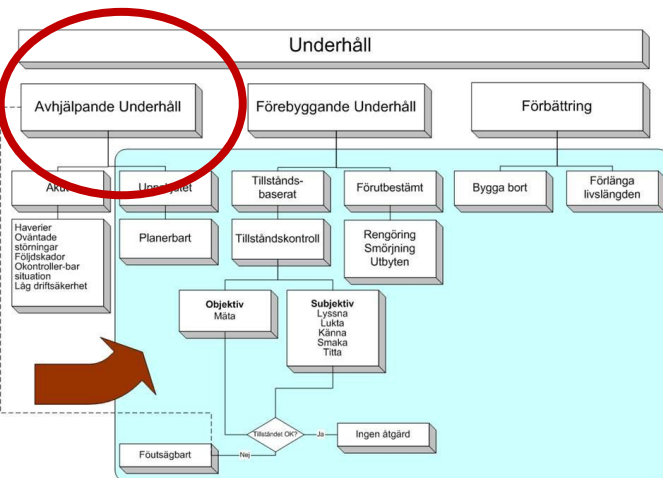
**HAVERI**



# CORRECTIVE MAINTENANCE



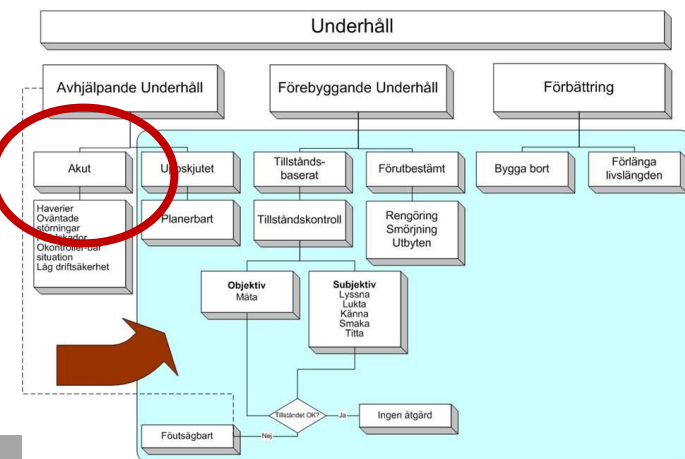
Maintenance carried out after fault recognition and intended to put an item into a state in which it can perform required function.



**AVHJÄLPANDE UNDERHÅLL**

# IMMEDIATE CORRECTIVE MAINTENANCE

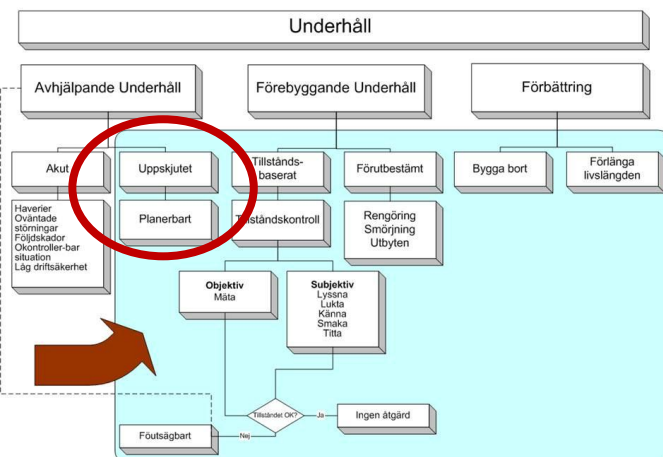
Maintenance which is carried out without delay after a fault has been detected to avoid unacceptable consequences.



**AKUTINSATSER**

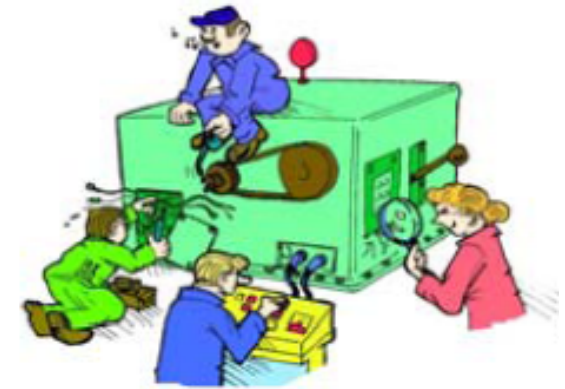
# DEFERRED CORRECTIVE MAINTENANCE

Corrective maintenance which is not immediately carried out after a fault detection but is delayed in accordance with given maintenance rules.

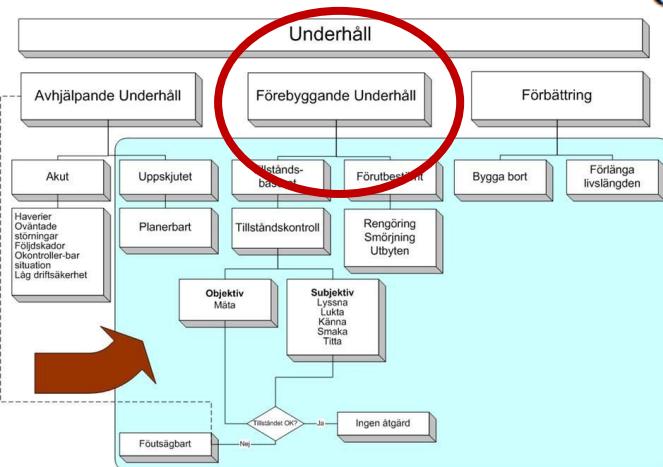


**UPPSKJUTET PLANERAT UNDERHÅLL**

# PREVENTIVE MAINTENANCE



Maintenance carried out at predetermined intervals or according to prescribed criteria and intended to reduce the probability of failure or the degradation of the functioning of an item

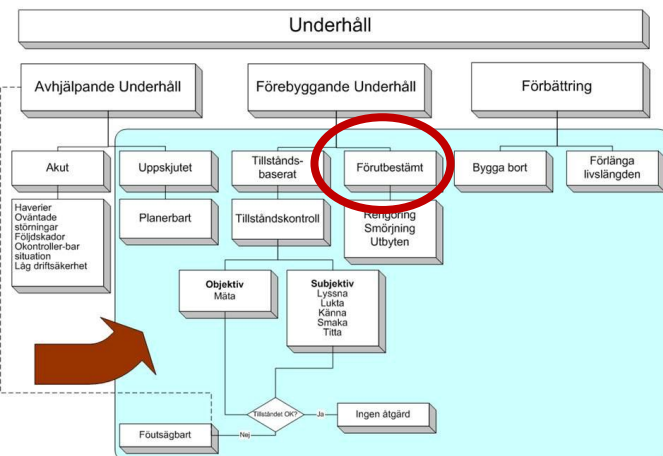


**FÖREBYGGANDE UNDERHÅLL**



# PREDETERMINED MAINTENANCE

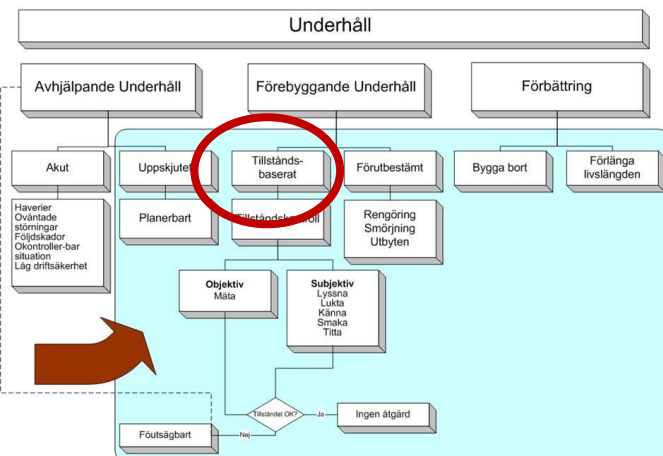
Preventive maintenance carried out in accordance with established intervals of time or number of units of use but without previous condition investigation



**FÖRUTBESTÄMT UNDERHÅLL**

# CONDITION BASED MAINTENANCE

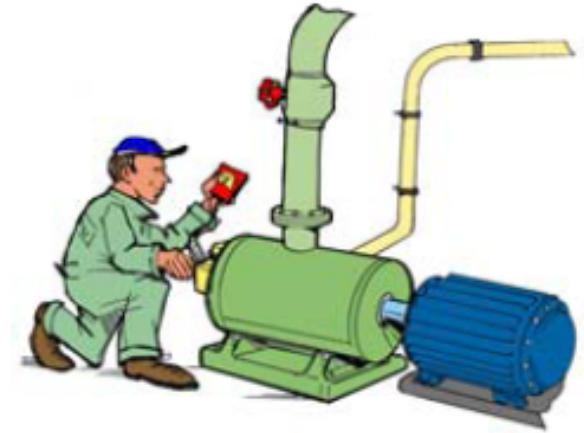
Preventive maintenance based on performance and/or parameter monitoring and the subsequent actions.



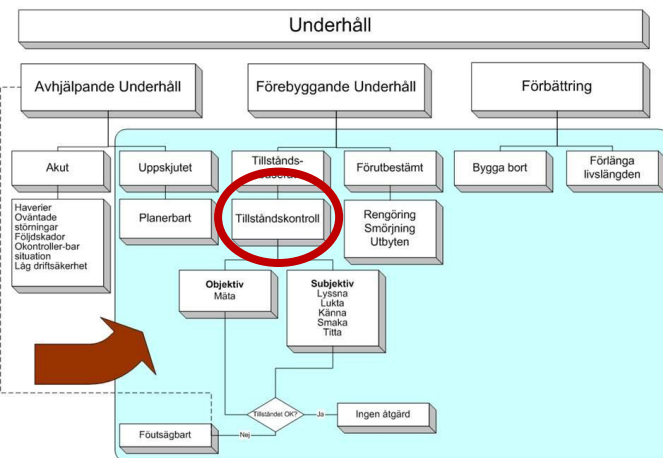
**TILLSTÅNDSBASERAT UNDERHÅLL**

# CONDITION MONITORING

Preventive maintenance  
based on performance  
and/or parameter  
monitoring



NOTE: Performance and parameter monitoring may be scheduled, on request or continuous.



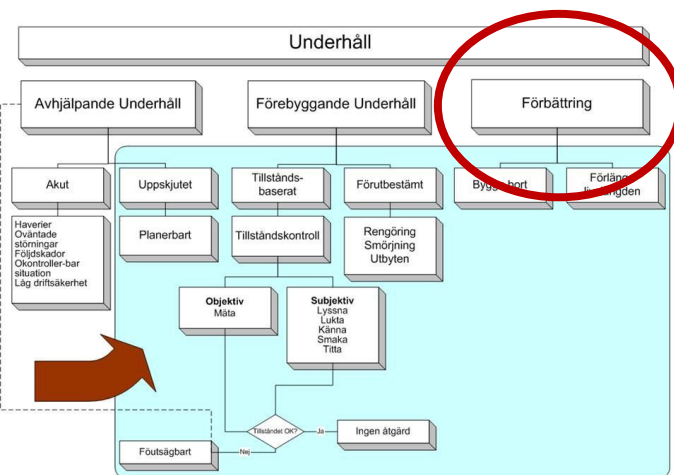
**TILLSTÅNSKONTROLL**

# IMPROVEMENT



Combination of all technical, administrative and managerial actions, intended to ameliorate the dependability of an item, without changing its required function.

**FÖRBÄTTRING**



# MODIFICATION

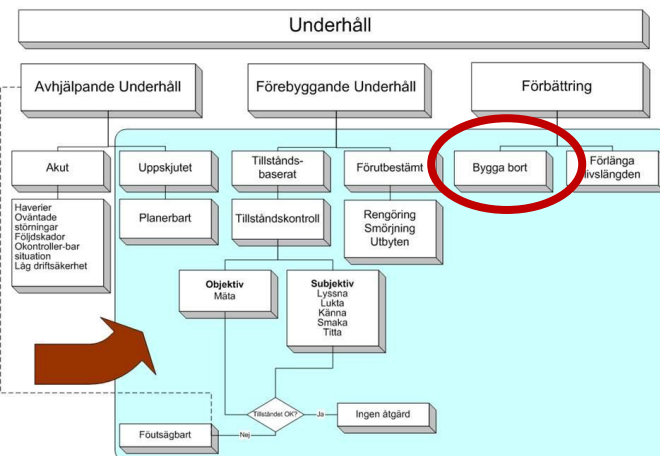
Combination of all technical, administrative and managerial actions intended to change the function of an item.



NOTE 1: Modification does not mean replacement by an equivalent item.

NOTE 2: Modification is not a maintenance action but has to do with changing the required function of an item to a new required function. The changes may have an influence on the dependability or on the performance of the item, or both.

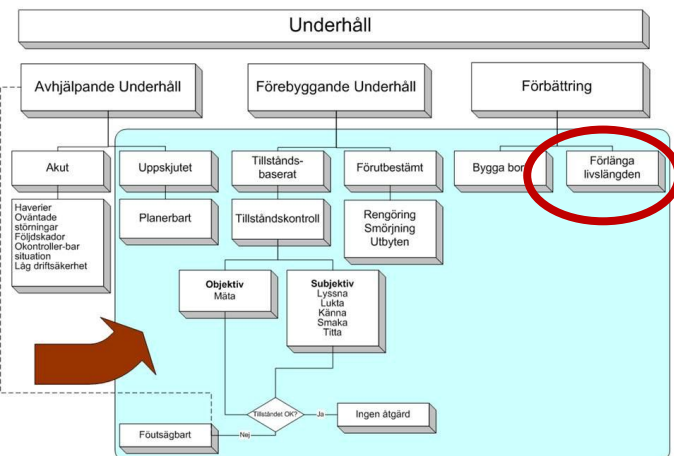
NOTE 3: Modification may be allocated to the maintenance organization.



## FÖRÄNDRING – BYGGA BORT

# IMPROVEMENT MAINTENANCE

Activities carried out in order to prolong the mean time to maintenance MTTM and/or reduce mean waiting time MWT and the mean repair time MTTR



**FÖRLÄNGA LIVSLÄNGDEN**



SLUT