

#A2 : Worker

movable components are in an initial position for assembling [R001]

#A3 : Assembly line

software can be uploaded via diagnostic interface [R002]

#A3 : Assembly line

failure memory can be cleaned through diagnostic interface [R003]

#A3 : Assembly line

automatic functions can be inhibited through diagnostic interface [R004]

#G01 : Product Overall

#SK02 : Production department

#A4 : Diagnostic tool

dynamic parameters are available through diagnostic operation [R005]

#A2 : Worker

Parts can be manipulated without pinching or cutting by sharp edge [R006]

#A2 : Worker

parts resist to dropping before mounting [R007]

#A5 : Assembling environment

parts resist to electrostatic shock during assembling [R008]

#A6 : Assembling tool

parts resist to tightening effort [R009]

A product has to be assembled in good conditions to enable mass production. Assembling needs shall be clearly defined and detailed in requirements. System requirements describe the system commitment regarding stakeholder needs. Requirements traceability trace back to the expressed needs.