

#A8 : Natural environment

#LC6 : Retirement

Fluids are contained during storing period before dismantling. [R001]

#A9 : Regulation

#LC1 : Concept Development

Components are free of forbidden materials (lead, hexavalent chrome, mercury). [R002]

#A10 : Recycling chain

#LC2 : Production

Components can be reused after the product is dismantled. [R003]

#SK07 : Recycling

#LC6 : Retirement

#A11 : Recycling process

#LC6 : Retirement

Materials marking is applied on components for material sorting. [R004]

#A11 : Recycling process

#LC6 : Retirement

Plastic parts and metallic parts can be separated for recycling. [R005]

#A12 : Reuse process

#LC6 : Retirement

Individual system parts are reusable after system dismantling. [R006]

Reusable parts can be disassembled without braking. [R007]

In order to ensure sustainable economic development, the end of life of a product has to be defined during the development phase. Constraints have to be imposed to the product in order to ensure that end of life is properly defined. Those constraints can be defined transversally at the company level for any product. In some cases specific considerations have to be added. Company level constraints should be defined by the quality department and formalized as requirements. This block diagram gives an example of recycling constraints. External elements are represented in lateral boxes and corresponding needs are displayed in a compartment of the box. Text above lines describes the way the system satisfies the need. Hypertext links point to system requirements.