7.1 Planning of Product Realization

The planning of product realization process defines the following controls, as appropriate to the product:

* The quality objectives and regulations
* The necessary processes, documents and resources
* The required checks and criteria for product acceptance
* The records needed

This output of this process is often called a **product quality plan**.

**Who generates the product quality plan?**

The plan should be generated collectively by the Design, Engineering and Quality Functions. The resulting plan may be a one-off, project-specific plan or more general documentation.

**How are product quality plans defined?**

The plans may be defined in associated production/service documents such as process flowcharts, control plans, operator/installation instructions or process validation reports.

Planning also leads into the following areas of product realization (doing the job):

* Customer related processes
* Design
* Purchasing
* Process control
* Calibration