

## Our Samplings for Automotive

### PPF (production process and product release) sampling in accordance with German Association of the Automotive Industry (VDA) & PPAP sampling in accordance with AIAG

The German Association of the Automotive Industry (VDA) is an association and the common interest group of the German automotive manufacturers and suppliers, which has defined the framework conditions for a PPF (production process and product release).

A PPF sampling is a process that ensures that the technical requirements for the product and the manufacturing process are understood by the supplier and that the supplier is able to deliver the product in the required quality.

The AIAG (Automotive Industry Action Group) is the American counterpart to the PPF and has defined a corresponding PPAP (Production Part Approval Process) process, which is similar to the PPF specifications in many areas.

#### PPF sampling in accordance with VDA

The PPF sampling of labels includes the production process and product release in accordance with the standards of the German Association of Automotive Industry (VDA).

For that robos-labels manufactures sample labels true to original in accordance with the requirements of the customer. These labels will be examined in detail in accordance with the VDA regulations. The measurement results will be bindingly certified in the predefined documents.

By the examination and measuring of the most different parameters robos-labels ensures that all statutory specifications and the requirements of the customer for the label as well will be met. This way the customer can transfer his examination requirement to robos-labels to a large extent and is on the safe side himself.

#### There are 4 different sampling levels

**Template level 0:** No special features, formal warrant of the supplier's quality capability. (The so-called cover sheet sampling).

**Template level 1:** Submission of sample pieces and limited supporting documents. (Suitable for products with low maturity risk and/or product families, no special features are affected.)

**Template level 2:** Submission of sample pieces and almost complete documentation (Standard PPF procedure with 22 defined categories, if no other agreements exist.)

**Template level 3:** Submission of sample pieces and complete documentation. (Standard PPF procedure with all documents for 22 defined categories, which are presented to the customer. Product and process FMEA, production control plan and test equipment capability study are excluded.)

The PPF procedure will be documented with ISIR (initial sample inspection report for labels).

This inspection report ensures compliance with the requirements for labels. In German ISIR is called EMPB (Erst-musterprüfbericht).

#### ISIR

The ISIR (initial sample inspection report for labels) is the documentation for the PPF sampling of labels. This includes production process and product release according to the standards of the Association of the Automotive Industry (VDA). The ISIR is based on the standard norms and regulations of the VDA Volume 2 (Securing of Supplies).

The ISIR documents the results of the testing of initial samples prior to the start of series production in accordance with various specifications of the customer.

#### PPAP sampling in accordance with AIAG

The PPAP sampling (Production Part Approval Process) is the American counterpart to PPF sampling.

The PPAP submission procedure for the initial sampling was developed by the American association AIAG (Automotive Industry Action Group).

#### There are 5 different sampling levels

**Level 1:** Only part submission warrant and report for appearance-dependent products (if applicable).

**Level 2:** Part submission warrant with sample pieces and limited supporting documents.

**Level 3:** Part submission warrant with sample pieces and complete supporting documents.

**Level 4:** Part submission warrant with sample pieces and complete supporting documents plus additional customer requirements. The documentation remains at the manufacturing site and can be presented to the customer upon request.

**Level 5:** Part submission warrant with sample pieces and complete supporting documents plus additional requirements of the customer. The customer can inspect the documentation on request, but it remains at the manufacturing site. [www.robos-labels.com](http://www.robos-labels.com)