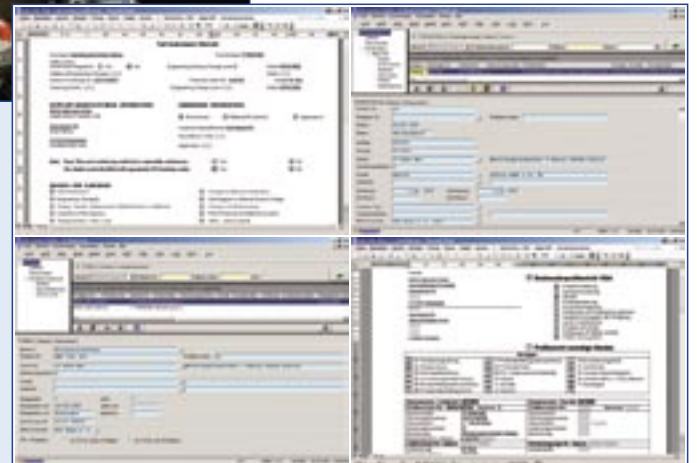


Initial Sample Inspection with HYDRA-EMU



Initial sample inspection according to VDA and QS 9000

Structured and simple data collection

Compilation and administration of initial sample
inspections reports

Print forms according to the PPAP standards

Individual layout of inspection reports with MS-Word

QUALITY

Initial Sample Inspection with HYDRA-EMU

Efficient initial sample inspections complying with the standard

Prior to the series production, customers and suppliers define product and quality characteristics by means of the initial sample inspection. Thus, the quality risks and costs are reduced for both parties. Particularly automotive manufacturers guarantee the compliance with their norms (VDA, QS 9000, PPAP) by initial sample inspections and thus the quality of their deliveries. The effort for editing reports of initial sample inspections is considerably high and expensive, especially in case of a great variety of products and short-term product changes. HYDRA initial sample inspection simplifies and optimizes the collection of all relevant details and their transparent documentation.

Inspection planning

- Availability of all relevant customer and supplier requirements within the inspection plan
- Efficient mode of operation by copying existing initial sample inspection plans with all necessary information
- Use of characteristic types (e.g. size check, materials testing, functional testing)
- Traceability of modifications in the inspection plans by archiving all processing steps
- List of documents with assignment of any documents (e.g. drawings, images, videos, internal text) and the possibility to directly transfer scanned documents or images via TWAIN interface
- The initial sample inspection plan can be used as template for the production inspection plan after its release
- Complementation of the production inspection plan with statistical specifications

Extensive functions for recording and reporting

Collection of inspection data

- Execution of initial sample inspections /PPAP (Product Part Approval Process) for customers or suppliers according to VDA and QS 9000
- Recording of the initial sample specification
- Automatic logging of measurement results of connected gages and test machines
- Manual entry of inspection and measurement results
- High data quality due to plausibility checks
- Violations of defined limit values are displayed by alerts



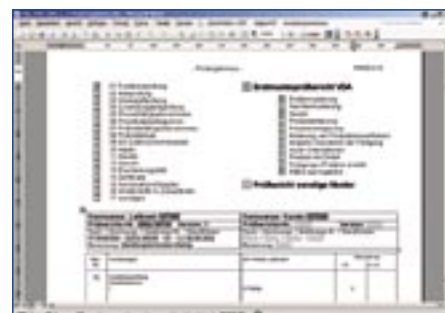
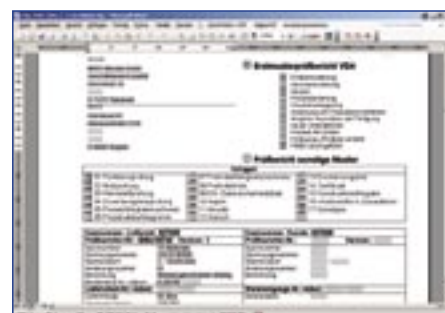
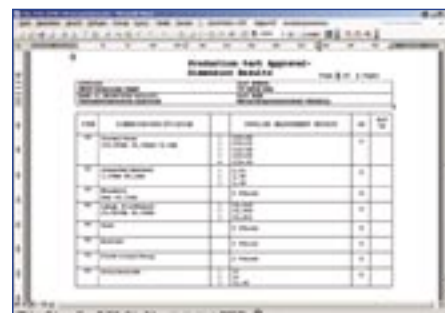
Reporting system

- Comfortable management of forms and reports when compiling initial sample reports
- Use of standardized forms (VDA, PPAP)
- Individual layout of forms with MS Word and conversion into PDF format
- Generation of separate, customer-specific and sectoral forms
- Selection of the form when printing the initial sample report
- Paperless exchange of reports between customers and suppliers by e-mail
- Archiving and verification of printed reports as well as sent reports

Benefits for customers and suppliers

Advantages and benefits

- Reduction of the administration effort and the handling expenses for quality-assuring measures
- Error prevention by specified procedures
- Minimization of quality costs and quality risks
- Securing the long-term collaboration between customers and suppliers
- Increase of the customer satisfaction
- Reduction of development times for prototypes and serial parts



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