

Certificate of Validation

PQ-FMEA+ software

This certificate confirms the positive result of the validation of the PQ-FMEA+ software, whose basic functions are to support the work with FMEA analysis, help in the creation of consolidated control plans with risk analysis, as well as enable the construction of process flow diagrams.

On the basis of the validation process, GRETOM Consulting Tomasz Greber certifies that the PQ-FMEA+ software, assuming the use of the current version of the program, complies with the requirements specified in the AIAG ed. 4, VDA 4 and AIAG & VDA ed. 1.

The validation mainly covered the following aspects:

- correctness of determining the AP (action priority) value based on the values of S (severity), O (occurrence), D (detection),
- correctness of RPN value calculation on the basis of S, O, D values,
- compliance of the table contents with the descriptions of the S, O, D assessment criteria with the AIAG standards ed. 4 and AIAG & VDA ed. 1,
- compliance of the content and layout of columns in FMEA forms - building forms for documenting risk,
- Transfer of fault control (FM) and cause control (FC) between FMEA analysis and control plan,
- transfer of product and process characteristics between "trees", control plan and process flow diagram,
- compliance of the color scheme in the risk matrix with the VDA 4 standard
- compliance of the highlighting of causes on the FMEA form with the colors on the risk matrix,
- compliance of the values on the Pareto chart with the results of the FMEA analysis.

The software is constantly updated and adapted to changes in the standards describing the FMEA analysis.

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