DISCUS ENG

Risk Management

Provide risk management as an integral part of your engineering efforts without adding-on lots of paper-pushing.

4 Key Elements to Better Risk Management

Most Common Challanges

- Many companies lack a formal risk management process and do not develop an objective assessment of risk for specific parts and processes.
- The risk management that does existing typically occurs after estimating during the PO/contract review stage of the part lifecycle.
- Most risk-based approaches, such as PPAP, are treated as a contract deliverables and are not integrated into the actual part planning process.
- Most ERP/MES systems do not offer tools that assist in the evaluation of technical risk or help in the creation of risk management documentation.

DISCUS ENG Approach

- "Utilize DISCUS ENG to create and publish PPAP documents. These are maintained at the process level facilitating the generation of a part PFMEA reports."
- You can embed the control plan in your production and inspection plan linking operational behavior with quality planning.
- ENG enables you to assign risk levels to features and processes that assist in calculating the appropriate complexity factor and quantified risk level at time of estimating.
- ENG allows you assign risk levels to any Box Element facilitating the calculation of overall part risk

Solution Requirements

- The system should facilitate the implementation of an objective and quantitative risk management process throughout the life cycle of the part.
- Any risk management approach should incorporate the mitigation actions into the part planning process.
- The system should help to quantify risk at a granular part feature level and also provide a summary of risk for the overall part.
- The system should incorporate risk evaluation during the estimating phase and provide a process to calculate the relative complexity factor of part features.

ENG Benefits

- Ensures that risk is identified up-front during the estimating stage to allow uncertainty to be taken into consideration during the quoting process.
- Reduces the cost and administrative burden of risk analysis by making the effort an integral part of the engineering & planning process.
- Reduces the cost of risk reporting such as PPAP by enabling the efforts for customer documentation to become a standard output from useful risk management efforts.

Check out the other Engineering Functions DISCUS ENG can help with like :

Cost Estimating | Process Planning | Work Instructions | Change Management | Performance Reporting

DISCUS Software
829 Bethel Road, Suite 105 Columbus, OH 43214
www.DISCUSsoftware.com (614) 360-2424