



6 Golden Rules for Strengthening your APQP

BEST PRACTICE & INDUSTRY INSIGHTS

Plexus International | Learning Transformed

Plexus International
5550 Nicollet Ave
Minneapolis, MN 55419
612-238-1200

Visit [plexusintl.com](https://www.plexusintl.com)



Why do customers require APQP?

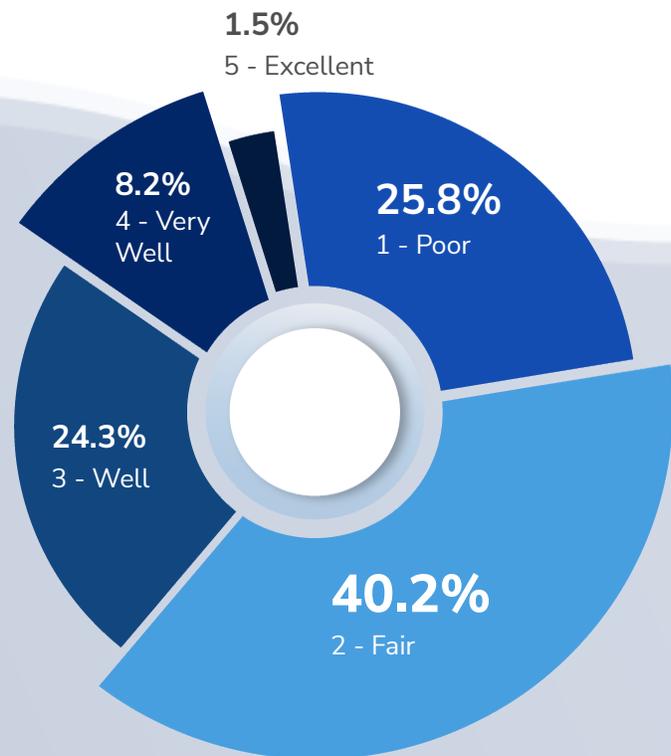
Advanced Product Quality Planning (APQP) is a structured method to define and establish the necessary steps required to meet all Customer Specific Requirements (CSRs) in any new launch or product planning process. The APQP process serves as a guide in the product development process, and a standard way to share results between organizations and their customers.

As a supplier, your customer may require that you implement APQP to implement and maintain their Customer Specific Requirements either through a contractual agreement or other communication.

How well are suppliers performing APQP?

ACCORDING TO THE CUSTOMER

In an April 2021 poll which includes feedback from OEMs and Tier 1 manufacturing organizations in the automotive, aerospace and other industry sectors, 66% of respondents say they believe their suppliers perform below-average APQP. We asked, “On a scale of 1 to 5 how well do you feel your suppliers perform APQP?”



6 Golden Rules to STRENGTHENING YOUR APQP

01

Multidisciplinary team must be competent and effective

04

Communicate often, and communicate early

02

Establish multidirectional and robust information channels

05

Understand all the requirements

03

Engage and integrate lower-tier suppliers early

06

Adopt change in organizational knowledge structures



REMEMBER

The quality of the product in mass production is the result of the quality of APQP events leading up to launch. If you need to restore the standard after launch, it is due to the decisions made during APQP.

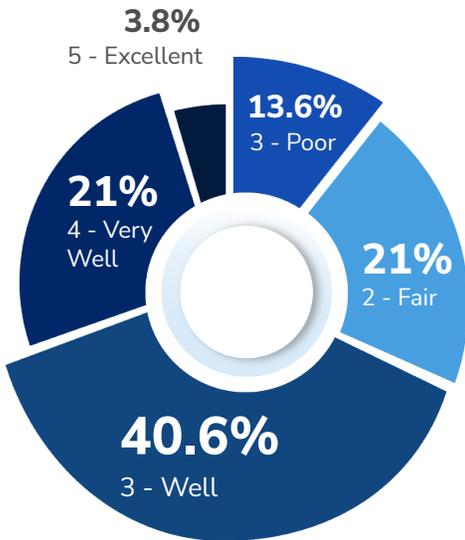




Industry Insights

APQP PERFORMANCE

The data from polls conducted by Plexus combined with the data from the AIAG's free, online Core Tools Self-Assessment (CTSA) provides a snapshot of how many organizations across the globe, and across various industries are performing when it comes to APQP.

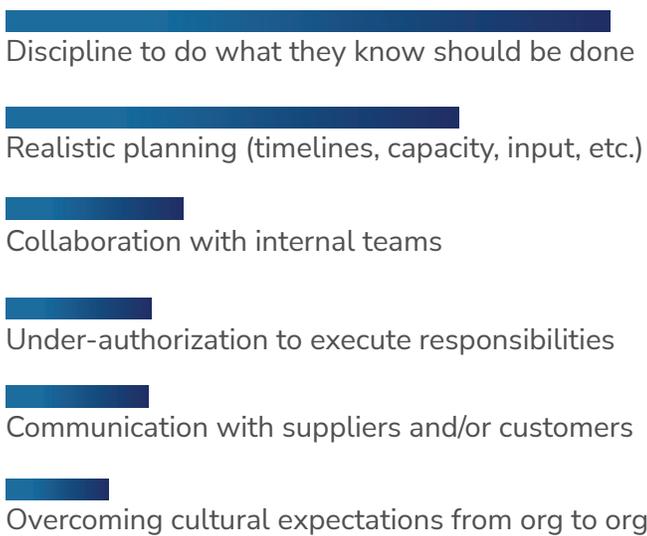


How well do organizations think they perform APQP?

On a scale of 1 to 5, we asked organizations across various sectors how well they feel they perform APQP. (1=poor, 5=excellent)

of poll respondents believe their team performs APQP average or better. Compare this to only 34% that say their suppliers show at least average APQP performance.

What are organizations finding most challenging about APQP?



70% of respondents admit they still use Excel for APQP documentation. Static sheets as opposed to smart, web-based applications have proven to hinder internal collaboration, discipline in processes, and overall efficiency.

32K+
Assessments
taken since
2012



Free, Online Core Tools Self-Assessment

AIAG launched its free, online Core Tools Self-Assessment (CTSA) in 2012 to help individuals measure competency in the four Automotive Quality Core Tools: APQP/PPAP, FMEA, MSA and SPC. This timed, open book self-assessment is available in nine languages (i.e., Brazilian Portuguese, English, German, Italian, Japanese, Korean, Russian, Simplified Chinese, and Spanish).

Learn more at: aiag.org/quality/automotive-core-tools

2020

**Industry-Wide
Average Scores**

71.19 APQP/PPAP



73.80 FMEA



68.28 SPC



62.09 MSA

