



SMMT – Industry Forum

Advanced Product Quality Planning

IATF 16949 8.3.2.1 Design and development planning — supplemental

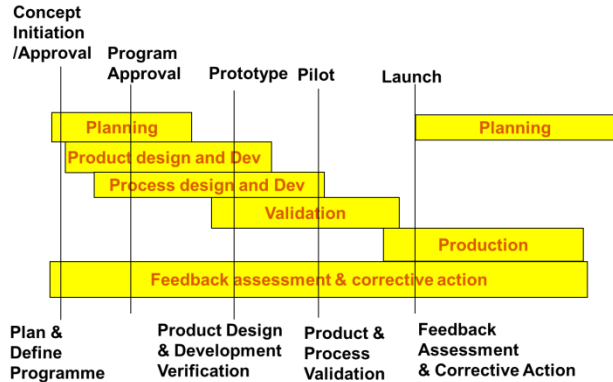
The organization shall ensure that design and development planning includes all affected stakeholders within the organization and, as appropriate, its supply chain.

Examples of areas for using such a multidisciplinary approach include but are not limited to the following:

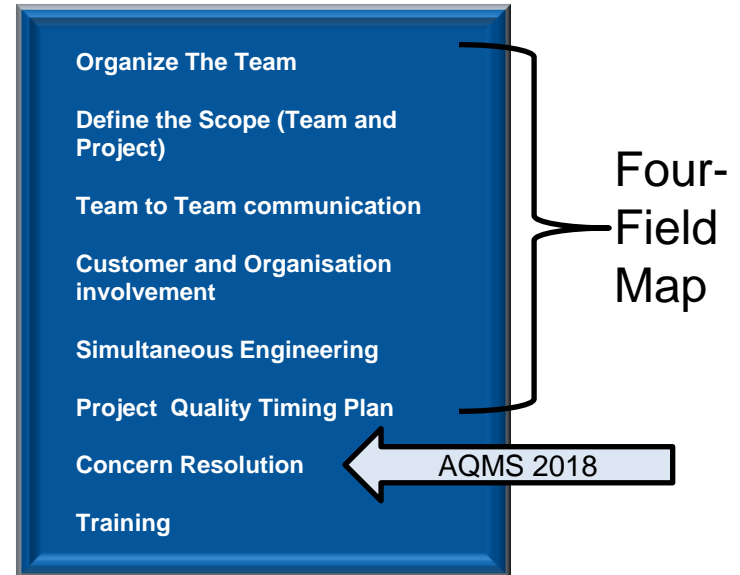
- a) project management (for example, APQP or VDA-RGA);...

Four-Field Mapping to Establish an Organisation's Standard APQP Process

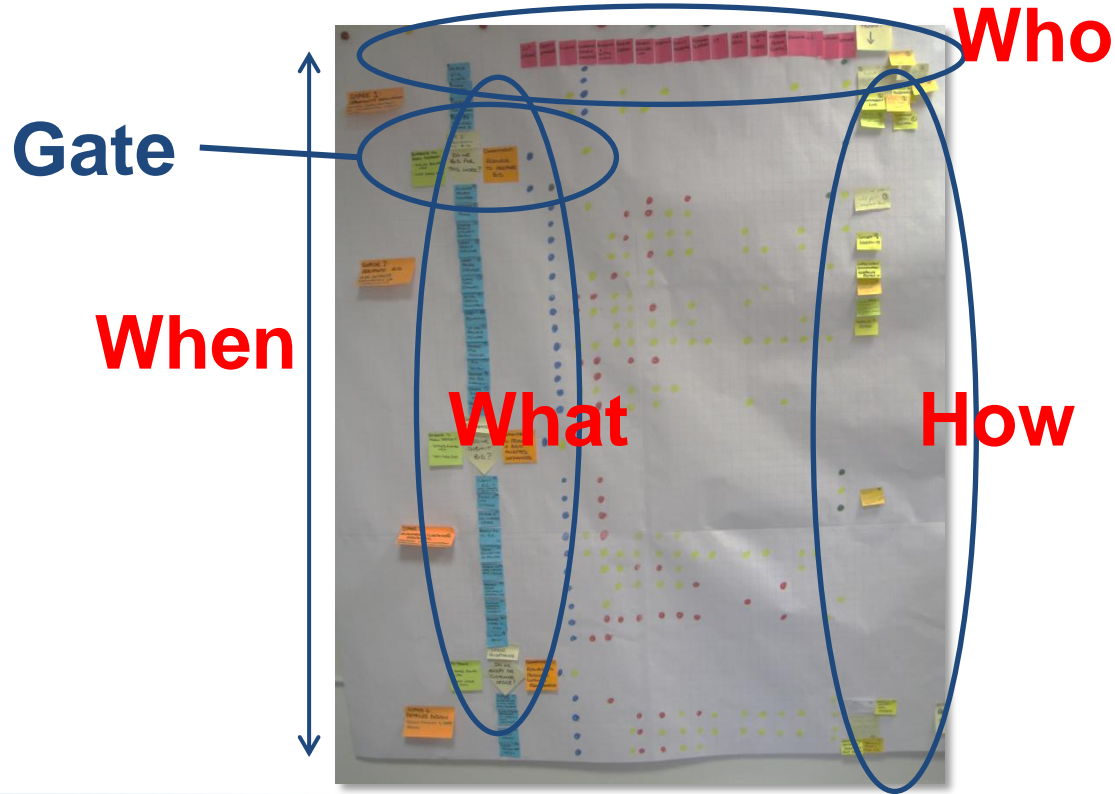
AIAG APQP Manual



AIAG APQP 'Fundamentals'



Four-Field Mapping to Establish an Organisation's Standard APQP Process



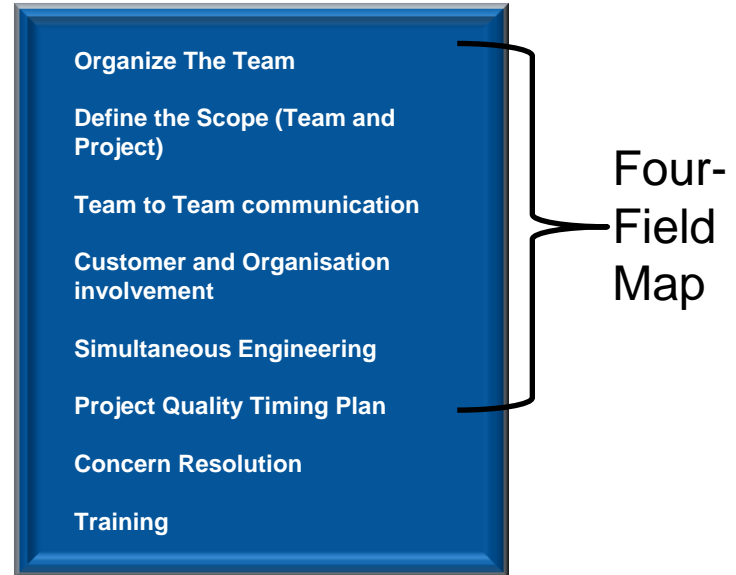
Four-Field Mapping to Establish an Organisation's Standard APQP Process

Discussion

Does the Four Field Map address 6 out of 8 APQP Fundamentals?

Any potential scope for application either within your organisation, or at your suppliers?

AIAG APQP 'Fundamentals'



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AIAG & VDA FMEA Handbook

AIAG Traceability Guideline
 APQP & Control Plan
 Automotive Warranty Management Guideline
 Best Practices in Supply Chain Product Development
 Effective Error-Proofing
 Effective Problem Solving 2nd Edition
 Effective Problem Solving Leader Guide 1st Edition
 Effective Problem Solving Practitioners Guide 1st Edition
 Engineering Change Management (ECM) Recommendation
 Layered Process Audit Guideline
 Machinery FMEA
 Measurement Systems Analysis
 Potential Failure Mode and Effects Analysis
 Production Part Approval Process
 Service Production Part Approval Process (Service PPAP)
 SPC Quick Start Guide
 Special Process: Casting System Assessment 2nd Ed
 Special Process: Coating System Assessment
 Special Process: Heat Treat System Assessment
 Special Process: Molding System Assessment
 Special Process: Plating System Assessment
 Special Process: Soldering System Assessment
 Special Process: Welding System Assessment
 Statistical Process Control
 Sub-Tier Supplier Management Process Guide

VDA - Automotive SPICE Guidelines
 VDA - Field Failure Analysis
 VDA - Product Creation - Special Characteristics
 VDA - Quality Assurance for Supplies
 VDA - Robust Production Process
 VDA 6.1 5th Edition
 VDA 6.4 2017 QM System Audit Production Equipment
 VDA 6.5 Product Audit
 VDA Certification Requirements for VDA 6.1 6.2 6.4
 VDA Process Audit 6.3 2016
 VDA Product Creation Maturity Level Assurance for New Parts
 VDA QM System Audit 6.2

IATF 16949:2016 – Technical Specification
 IATF 16949:2016 – Technical Specification eBook
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