

*Quality Management System
Core Tools Study Guide in China*

APQP 实施手册 第二版

APQP Study Guide Second Edition





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FOREWORD

Second Edition

Effective November 1, 2008, APQP and Control Plan Second Edition replaces APQP and Control Plan First Edition unless otherwise specified by your customer.

APQP and Control Plan Second Edition includes:

- incorporation of the customer focused process approach
- updated terminology and concepts consistent with ISO/TS 16949 and other Chrysler, Ford and General Motors core tool manuals
- appropriate references to customer specifics provided without the full text

This manual continues to provide general guidelines for ensuring that Advanced Product Quality Planning is implemented in accordance with the requirements of the customer. It does not give specific instructions on how to arrive at each APQP or Control Plan entry, a task best left to each organization.

While these guidelines are intended to cover most situations normally occurring either in the early planning, design phase, or process analysis, there will be questions that arise. These questions should be directed to your authorized customer representative.

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USE OF MATERIALS

These written materials are to be used only in combination with the DaimlerChrysler, Ford, General Motors and Plexus Core Tools Training System™. Clients have agreed that each participant will be provided with a set of the associated written material(s) for each participant's sole use.

July 2008

前言

第二版

2008 年 11 月 1 日生效，APQP 和控制计划第二版取代 APQP 和控制计划第 1 版，除非您的客户特别说明。

APQP 和控制计划第二版包括：

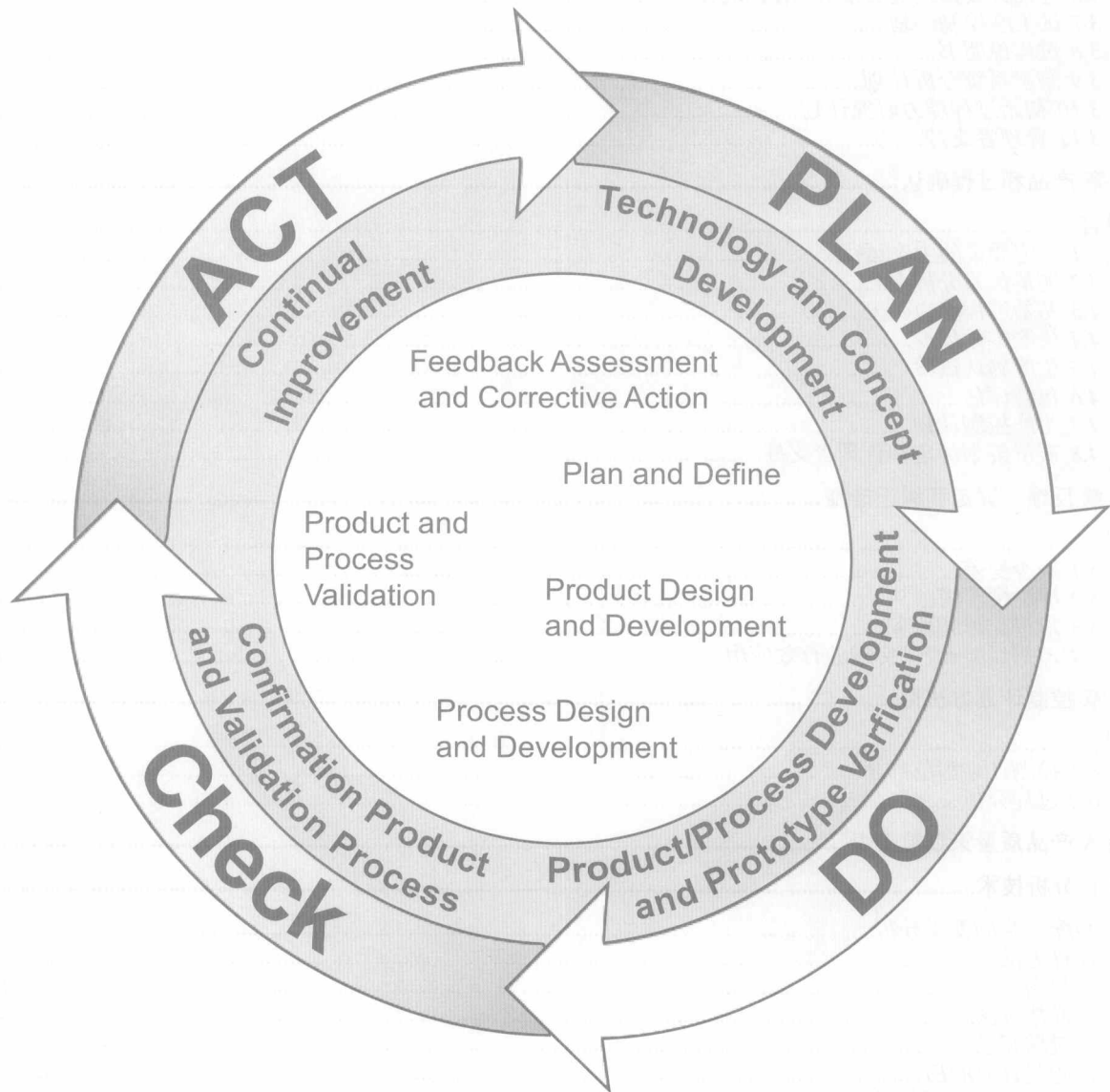
- 纳入以客户为中心的进程方法
- 更新的术语和概念符合 ISO/TS16949 和克莱斯勒、福特和通用汽车的其他核心工具手册
- 适当参考全文没有提供的客户细节

此手册继续提供通用指南以确保先期产品质量策划的实施符合客户的要求。它没有具体说明如何到达每个 APQP 或控制计划条目，这一项任务最好留给每一个组织。

尽管这些指南希望覆盖通常发生在早期策划、设计阶段或过程分析中的大多数情况，但还会出现一些问题，这些问题应该让授权顾客代表来指导。

2008 年 7 月

PRODUCT QUALITY PLANNING CYCLE



产品质量策划循环

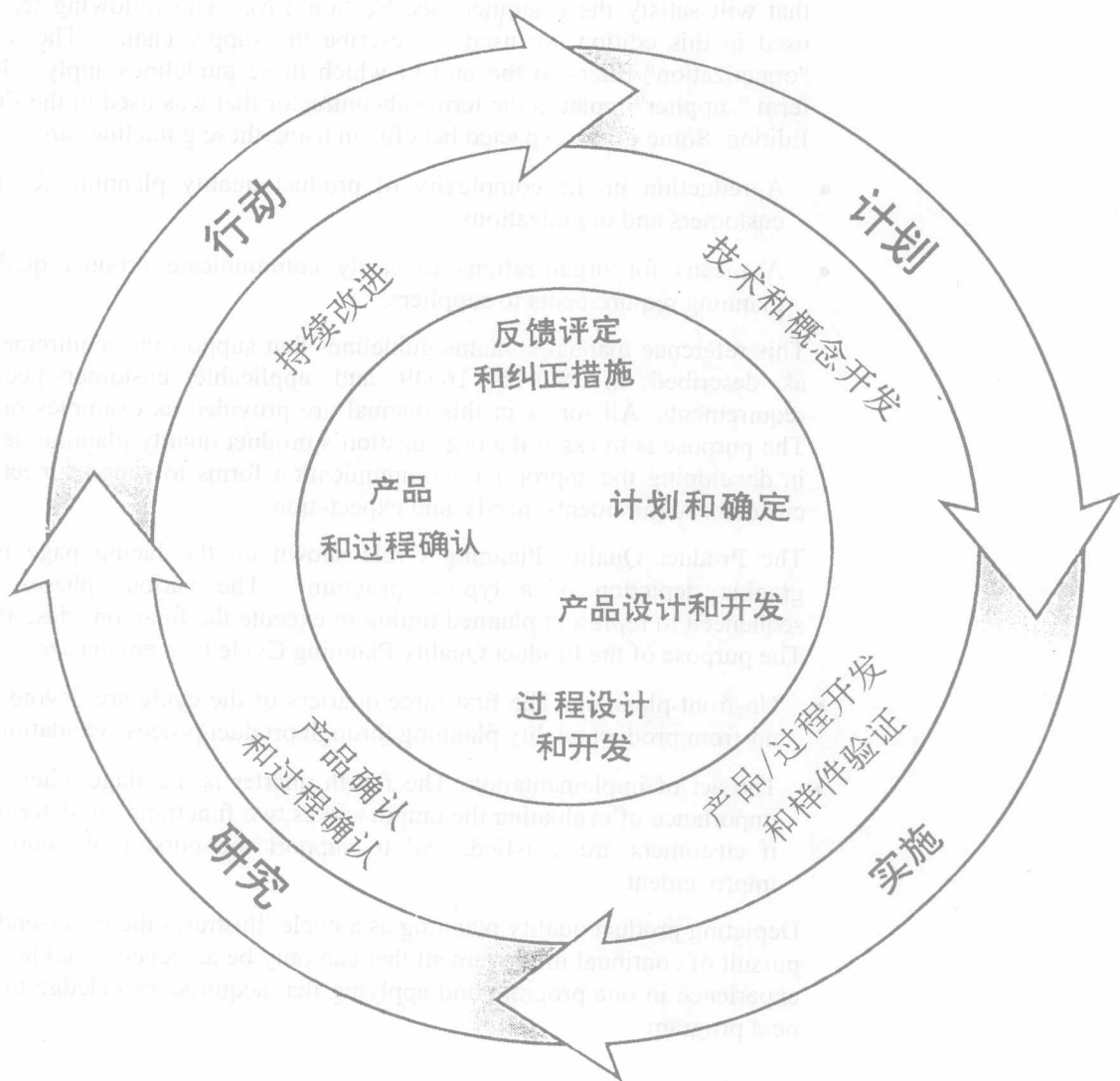


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引言

本手册的目的是将由克莱斯勒、福特和通用汽车公司联合制定的一般产品质量策划和控制计划指南提供给组织(内部和外部)和供方。本手册为制订产品质量计划提供指南,以支持顾客满意的产品或服务的开发(见 1.6 节)。用于此版本的下列术语用来描述供应链。“组织”一词指的是指南应用的单位。术语“供方”取代了第 1 版所用的分承包方。使用这些指南具有如下预期的收益:

- 对顾客和组织减少产品质量策划的复杂性;
- 便于组织向分承包方传达产品质量策划要求。

本参考手册包含支持 ISO/TS16949 和可适用的顾客特殊要求中所规定的指南。本手册中的所有表格只用作示例,其目的是协助组织的产品质量策划小组制定合适的信息表,以支持满足顾客要求、需要和期望。

前页所示的产品质量策划循环是一典型的计划图,各个不同的阶段按次序排列以表示为实施所述功能的有序进度,产品质量策划循环的目的在于强调:

- 前期策划。循环的前三个阶段为产品/过程确认中的前期产品质量策划;
- 实施行动。循环的第4阶段为输出评价阶段,其重要性表现在两个功能上,一是决定顾客是否满意;二是支持追求持续改进。

将产品质量策划描述为一个循环阐明了对持续改进的永无止境追求,这种改进只能通过在一个项目中获取经验,并将其应用到下一个项目的方式来实现。

反思 (P1)

1. In this manual, The term "Organization" repase the term" Supplier" in the first vition of APQP manual to represent the unit this manual apply.

本手册中“组织 organization”一词取代了第一版中“供方 supplier”一词，用来表示上指南的应用对象；而“供方 supplie”一词取代第一版的“分承包方 Subcontractor”。

2. This manual not only used for Chrysler,Ford and General Motor special requirements, but also used for all the other orgniaztions in automotive industry.

本手册不仅作为克莱斯勒、福特和通用汽车公司所述规定的指南，而且用于 TS16949:2002 和所有汽车行业组织特殊规定的指南

PRODUCT QUALITY PLANNING RESPONSIBILITY MATRIX

The matrix shown below depicts the Product Quality Planning Functions for three types of organizations. It is to assist organizations in defining the scope of their planning responsibilities. Refer to Fundamentals of Product Quality Planning on the next page. The matrix does not depict all the different types of product quality planning relationships that could exist among organizations, suppliers, and customers.

	*Design Responsible	*Manufacturing Only	*Service Organization i.e. Heat Treat, Warehousing, Transportation, etc.
Define the Scope	X	X	X
Plan and Define Chapter 1.0	X		
Product Design and Development Chapter 2.0	X		
Feasibility Section 2.13	X	X	X
Process Design and Development Chapter 3.0	X	X	X
Product and Process Validation Chapter 4.0	X	X	X
Feedback, Assessment and Corrective Action Chapter 5.0	X	X	X
Control Plan Methodology Chapter 6.0	X	X	X

* Refer to Section 1 “Scope” of ISO/TS 16949.