

Statistical Process Control

SPC Manual

Process Management
Capability & Performance
Control Charts

The New AIAG & VDA SPC Manual: The Joint Guideline for the Automotive Supply Chain

With this new volume on Statistical Process Control (SPC), AIAG and VDA have developed the first harmonized international standard for applying statistical methods to process monitoring and control—the second joint Core Tool worldwide after FMEA.

Who is the target audience?

For specialists and managers in:

- Quality, Production, and Development
- Process Management and Statistical Process Control (SPC)
- The entire automotive value chain

What does the manual offer?

The guideline describes SPC as a holistic approach to process monitoring and control:

- Defined roles and responsibilities
- Risk-based monitoring and control of relevant characteristics
- Prerequisites for efficient SPC application
- Requirements for production and inspection planning
- Analysis of process behavior
- Reaction plans and escalation strategies

Why is this SPC Manual unique?

- Globally harmonized (AIAG & VDA & ISO)
- Uniform methods and terminology worldwide
- Integrated approach across the entire process
- Direct linkage to FMEA, Control Plan, and MSA/VDA 5

► SPC evolves from a statistical tool into a comprehensive system solution.

Training & Practical Support

Complementing the manual, we offer practice-oriented training courses that deepen understanding, support concrete implementation within companies, and convey best practices for SPC deployment.

Your Benefits

- Capable and stable processes
- Reduced scrap and rework
- Better data-driven decisions
- Internationally unified methodologies

► One Standard – One Application

Order the new AIAG & VDA SPC Manual

booksales@vdachina.com.cn

More standards



Beijing office

Unit 0505P, 5F, Tower 1, DRC Liangmaqiao
Diplomatic Office Building, No.19
Dongfangdonglu Chaoyang District, Beijing
Tel.: +86-10-65900067
Email: bj@vdachina.com.cn

Shanghai office

Room 501, Building 6, HQ Sky Bridge
No. 968 Jinzhong Road
Changning District, Shanghai
Tel.: +86-21-39197012
Email: sh@vdachina.com.cn

Follow us



Version: Aug. 2026