



## **Quality Assurance Agreement with Production Material Suppliers**

**History of revisions**

# Purchasing Schaeffler Group

SCHAEFFLER GROUP

Quality Assurance Agreement with Production Material Suppliers

## Modifications S 296001 Part 3 revision 2008/11 to 2010/07



- Implementation of chapter „Production site transfer“
- Modification of Appendix 1 “Application for Modification Approval / Special Release”:  
Choice box „Konstruktion / Design“ replaced by „Produktmerkmal(e) /  
Product characteristic(s)”
- Appendix 2 "Check List for Production Transfer" added

## Modifications revision 2008/11 to 2010/01



- Schaeffler KG changed to Schaeffler Technologies GmbH & Co. KG



### Master document S 296001

#### Shortened:

- Chapter 3.2 *Project Planning*, now Chapter 3.2 *Advanced Product Quality Planning* replaced by reference to Appendix 1 QAA / S 296001 Part 1 *Advanced Product Quality Planning*
- Chapter 3.6 *Production Part Approval Process*, now Chapter 3.3 *Production process and product release procedure* replaced by reference to Appendix 2 QAA / 296001 Part 2 *Production Process and Product Release*
- Chapter 3.10.1 *Special Release*, now Chapter 3.6 *Request for special release* abbreviated because of detailed description in Appendix 3 QAA / S 296001 Part 3 *Modification Approval / Special Release*
- Chapter 3.21 *Notification of Changes*, now Chapter 3.7 *Request for modification approval* abbreviated because of detailed description in Appendix 3 QAA / S 296001 Part 3 *Modification Approval / Special Release*

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Modifications revision 2007/07 to 2008/11



### Master document S 296001

#### New:

- Chapter 3.9 *Escalation process* – reference to new Appendix 6 QAA / S 296001 Part 6 *Escalation Process*
- Chapter 3.11 *Requalification inspection*
- Chapter 3.12 *Evidence of material properties* – according to DIN EN 10204
- Chapter 4.1 *Heat treatment processes* – requirements according to AIAG CQI 9
- Chapter 4.2 *Coating processes* – requirements according to AIAG CQI 11 and 12



### Master document S 296001

#### Deleted:

- Chapter 2.2 *QM System Requirements made by the Customer* and classification of suppliers into suppliers for development, catalogue parts suppliers and raw material because of existence of separate QAAs for Tooling Suppliers (S 296002) and Packaging Material Suppliers (S 296003)
- Chapter 3.3 *Assessment of the Production Feasibility of a Product*, now included in Appendix 1 QAA / S 296001 Part 1 *Advanced Product Quality Planning*
- Chapter 3.4 *Analysis of Potential Defects (FMEA)*, now included in Appendix 1 QAA / S 296001 Part 1 *Advanced Product Quality Planning*
- Chapter 3.5 *Inspection Planning*, now included in Appendix 1 QAA / S 296001 Part 1 *Advanced Product Quality Planning*
- Chapter 3.10.2 *Rework of Parts*
- Chapter 3.14 *Training of Employees*
- Chapter 3.19 *Concern Analysis*, now included in Appendix 4 QAA / S 296001 Part 4 *Processing of Concerns*



### ***QAA / S 296001 Part 1 Advanced Product Quality Planning***

- Wording revised and new document structure with further appendixes
  - *Appendix 1* chart *PEP-Process* and APQP elements
  - *Appendix 2 APQP Elements* – Definition of the specific requirements for the 23 APQP-elements regarding verification to the customer respectively documentation
  - **New:** *Appendix 5 Capacity Confirmation* – template for security of supply

### ***QAA / S 296001 Part 2 Production Process and Product Release (old: Production Part Approval Process)***

- Wording revised
- *5.6 Submission levels* – alignment of table of requirements to AIAG PPAP 4th Edition
- **New:** Submission level 3 is standard level for Schaeffler Group
- **New** applicable customer specific standards
  - *S 102012 Classification of characteristics* (significant characteristic: SC, critical characteristic: CC)
  - *S 132030 Prohibited substances*

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## Quality Assurance Agreement with Production Material Suppliers

**Modifications revision 2007/07 to 2008/11**



### ***QAA / S 296001 Part 3 Modification Approval / Special Release***

- Wording revised at part 3 und *Appendix 1 Application Form*

### ***QAA / S 296001 Part 4 Processing of Concerns***

- Wording revised at Part 4 and Appendix 1 *8D-Report*
- **New:** 5 Why and Ishikawa-Diagram added as requested methods for analysis

### ***QAA / S 296001 Part 5 Supplier Evaluation***

- Completely revised
- **New:** *Appendix 1 Evaluation Criteria*

### ***New: QAA / S 296001 Part 6 Escalation Process***

- Escalation levels and conditions CSL 1 and CSL 2 regarding sorting of products
- **New:** *Appendix 1 Escalation Process - Status*

### ***QAA / S 296001 Part 10 Customer specific requirements*** (for LuK-plants in Germany)

- **Deleted**