

# General Quality Agreement for Suppliers

## 1. Introduction

The technical documentation that underlies our proposal requirements and orders determines the quality we require.

The supplier is responsible for ensuring that his deliveries are of the required quality; he must ensure this through effective quality assurance.

The supplier shall be informed about the principles to be observed in all deliveries for quality assurance, the course of our incoming inspection and general packaging and labeling regulations through this General Quality Agreement for Subcontracting. For special parts or special material, this is supplemented by a special quality agreement - control plan.

**The quality agreement is part of our order conditions.**

## 2. Technical Documentation

Technical documents are drawings, standards, packing instructions and additional technical regulations that are entered in the drawing. They are part of our conditions of purchase. Changes to and deviations from the technical documentation are not permitted without our consent.

A substance avoidance list will be provided upon request.

## 3. Quality Assurance

**Quality assurance is a joint task of the supplier and the customer.**

**As the customer, we inform the supplier**

- about our quality requirements through the technical documentation
- about the course of our incoming inspection by this General Quality Agreement
- on request about the type and scope of our incoming inspection for special parts or special material through control plans containing test characteristics, test equipment and quality control for statistical quality control are fixed, and pointed to in the drawing.

**The responsibility of the supplier is:**

### • before accepting an order

- clarify whether and how he can achieve the quality requirements specified in our technical documentation,
- to check that the technical documentation is complete and clear to him,
- to ensure that possible ambiguities are removed.

### • after acceptance of an order

- by a proper incoming inspection of his supplies,
- through a systematic production test,
- through a gapless initial test, to ensure that we only receive deliveries that meet our quality requirements
- Deliveries are only delivered in one type
- the labeling / identification of the deliveries always corresponds to the content of the delivery

**The following also applies to deliveries: all parts and deliveries must be delivered oil-free, grease-free, free of chips, blasting material, loose burrs and residues, dry and, if there is a risk of corrosion, by means of suitable corrosion protection that corresponds to the previous properties and can be painted over and protected against corrosion!**

**As a corrosion protection agent, we recommend P3-neutra-pon 5065 from Henkel for machined cast and steel surfaces.**  
**For parts made of stainless steel, we recommend pickling and passivating the surfaces. Stainless steel parts may not e.g. be contaminated by contaminated blasting material (blasting material that contains ferromagnetic components).**  
**Possible corrosion on the surfaces is to be avoided.**  
**Welding (repairs) on parts should generally be avoided, if necessary, only with consultation.**

#### **4. Assessment of sample parts**

**Prior to the start of series deliveries, sample inspection samples must be sent in good time to our receipt inspection.**

- a) The submission of samples is generally required at
- Use of a new tool
  - Correction of a tool
  - Tool repair
  - General overhaul of a tool
  - Change of drawing
  - Use of new materials
  - Change of manufacturing processes.
- b) For failure or inspection samples, 5 pieces are to be submitted, for tool approval 35 pieces per shape and application with sample test reports.

The supplier will be informed of the result of the sample evaluation by our initial inspection with a sample report M and a marked drawing.

**We** decide:

**Release** only for orders placed directly from our purchase.

**Release** according to plan for \_\_\_\_\_ piece, after which the deviations marked with "T" are to be corrected and new samples submitted - see point 4. b) -

**Release** only for the given quantity \_\_\_\_\_ pieces.

The deviations marked "T" must be corrected and new samples submitted thereafter.

**No release**

The deviations marked "T" must be corrected and new samples submitted thereafter. While the release in the case of molded parts basically also refers to the tool, the approval for non-molded parts applies only to the parts submitted. The latter also applies to molded parts that have undergone further processing.

#### **5. Receipt inspection for serial deliveries**

**Serial deliveries may only be made once the sample approval of our incoming inspection has been submitted.**

**Decisions to accept or reject series deliveries are made based on the results of random checks.**

All properties of each part of a shipment must be within the specified limits. For any part that does not meet our requirements, we will - unless we claim other rights - demand free replacement, even if the share is smaller than the error slip and the faulty parts are detected only in our production.

For all deliveries and batches we expect accordingly material test certificates.

The test results of all deliveries are registered in our incoming inspection. The supplier receives no special message about good quality deliveries. However, if a delivery is objected to, the supplier receives a complaint stating the offending features.

We decide:

- we will use by way of exception.
- we have to use the urgency with reservation. For this reason, we will charge you for use or additional costs incurred afterwards or send you back the unusable parts.
- had to be chosen because of urgency at your expense.
- had to be reworked because of urgency at your expense.
- we give back unfree.

With the equivalent, we will charge your account.

Replacement delivery

- is not required

- we ask immediately - until \_\_\_\_\_

- was delivered under the wrong drawing number. We have corrected the accompanying documents accordingly and ask you to also correct your documents.

If quality deviations are displayed, the supplier will be charged a processing fee of €75 per transaction.

## 6. Packaging and Labelling

The packaging must always be chosen by the supplier in such a way that damage, soiling, corrosion attempts or changes on the transport are not possible.

**Normally pool lattice pallets according to DIN 15155 or pool specialist pallets are to be used.**

For deliveries for which pool pallets are not appropriate, the supplier must specify the type of packaging in the offer.

**MA (material scrap) and AA (working committee) parts must be clearly marked** and delivered separately and should not be included in good parts pallets / packages.

**All parts must be packed** in such a way that it is not possible for the parts to protrude from the package, regardless of whether it is sideways or upwards. Tilting of parts in the packages must be ruled out. The parts in the respective package must be adequately secured against possible damage and slipping.

**The packaging, especially lattice box pallets, must not be damaged.**

The packaging has to be designed that way to meet the goals

- **Avoidance**
- **Environmentally friendly material selection**
- **Reuse / recycling**

is met. For deliveries for which our technical documentation prescribes a specific packaging, the information contained therein must be followed.

**Each pallet or packaging unit must be marked on a strong, bright sticker with the following information:**

- **manufacturer,**
- **drawing no.,**
- **Quantity,**
- **batch and date of delivery;**

Font size at least 8 mm.

**Furthermore UL-listed components must be marked with**

- **the UL file number**
- **the exact trade name or the designation of the listed material in the UL file on each packaging unit and the associated delivery papers.**