

Technical Terms of Delivery (TTD)

Terms of delivery of supply and purchased parts to TKM GmbH

1. Introduction

1.1. This TTD describes the principles and procedures for assuring the quality of supplied and purchased parts to TKM GmbH. This includes the technical documents and procedures on which QA requirements are based, including initial sampling, incoming goods inspection and supplier evaluation.

2. Technical documents

2.1. Technical documents are drawings, data sheets, measurement regulations, standards, packaging specifications and other additional technical regulations. They are always part of our conditions of purchase. Changes and deviations from technical documents are not permitted without our consent.

3. Materials

3.1. Only the materials specified in the production documents may be used. The use of other materials requires the written approval of the customer. If factory certificates for materials to DIN 50 049 are required in the order, they must be enclosed with the relevant delivery or sent in good time so that they are available at TKM on receipt of the delivery.

4. Quality assurance

4.1. Quality assurance is in the common interest of supplier and purchaser. As purchaser we shall inform the supplier:

- of our quality requirements by means of the technical documents
- of our incoming goods inspection procedure for special parts or special material by means of inspection plans, in which inspection characteristics, inspection equipment and inspection severity may be for statistical quality inspection

The supplier's task before accepting an order is to:

- to clarify whether and how he can achieve the quality requirements specified in our technical documents
- to check whether the technical documentation is complete and unambiguous for him
- to ensure that any ambiguities that may exist are eliminated

after acceptance of an order:

- by a proper incoming inspection of his supplies
- by a systematic production inspection
- to ensure, by means of a complete outgoing inspection, that only such deliveries reach us which meet our quality requirements

5. Initial sampling

5.1. Prior to commencement of series deliveries, initial samples tested by the supplier and manufactured under series conditions shall be sent to our incoming goods inspection department in good time for initial sample testing. The decision of an initial sample inspection is incumbent on the person responsible for the product, who will inform QS about the execution. The submission of initial samples may be required when new tools are used:

- Tool repairs
- Drawing changes
- Use of new materials
- Change of manufacturing processes
- Change of production site

For the initial sample inspection, a number of samples to be jointly determined in each case shall be submitted with an initial sample inspection report. The supplier will be informed of the result of the initial sample inspection by our incoming goods inspection department with an initial sample inspection report and, if necessary, with a marked drawing. We shall decide on this:

5.2. Release

The quality of the initial samples is accepted; deliveries can be started.

5.3. Release with conditions

Minor quality deviations have been detected. The delivery can be delivery can be started after these have been corrected

5.4. Rejection - resample

The initial samples show defects which cannot be accepted. New corrected samples are to be presented. One of these decisions is marked in the column "Decision of initial sample inspection report", a copy of which is given to the supplier. While the release for mold-bound parts basically also refers to the mold, the release for non-shape-bound parts only applies to the parts presented. The latter also applies to molded parts that have undergone further processing.

6. Incoming goods inspection of series deliveries

6.1. Decisions on acceptance or rejection of series deliveries shall be made on the basis of the results of random sample inspections, which shall be carried out both professionally and with sufficient care. The basis for these tests is the respective agreement with the supplier. All characteristics of each part of a delivery must be within the specified limits. For any part that does not meet our requirements, we will demand a replacement free of charge, unless we assert other rights.

The test results of all deliveries are registered in our incoming goods inspection. The supplier will not receive any special notice about deliveries of good quality. However, if a delivery is objected to, the supplier will receive an inspection report indicating the objected characteristics and the further procedure. In the case of minor deviations that only slightly affect the use of the parts, a decision may be made to grant a special release. If reworking or 100% inspection of the defective features is necessary, the delivery will normally be returned at the supplier's expense.

If a return shipment is not possible for scheduling reasons, a 100% inspection or rework can be carried out by us after the supplier has been informed in advance about the estimated costs and has given his consent. Hidden defects of a delivery - and this also includes defects not found in a random sample, which are only discovered during further processing - can also be complained about after the contractually stipulated period of limitation and lead to return delivery and charging of costs to the supplier.

7. Packaging and marking

7.1. The packaging must be chosen by the supplier in such a way that damage, soiling, rusting or changes during transport are not possible. In the case of deliveries for which our technical documents prescribe specific packaging, the information contained therein must be followed. Each pallet or packaging unit must be marked on a firmly adhering, light-colored sticker with the following information: Manufacturer, drawing no., number of pieces, batch and delivery date. Only easily disposable, environmentally friendly packaging materials shall be used.

8. Supplier evaluation

8.1. The supplier evaluation, as a procedure for assessing the quality of series-produced parts in the incoming goods department, gives:

- the supplier information on the extent to which he meets our requirements
- the incoming goods department information on tightened / reduced inspection or ship-to-stock / ship-to-line deliveries
- the procurement department information for supplier selection

8.2. Implementation

The supplier evaluation is based on the recommendations according to VDA-DGQ, procedure 1

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