

Document version: **BN 109-001e -**

1. Object

This delivery specification describes the requirements regarding the marking and the documentation of all parts ordered with inspection certificate 3.1 according to DIN EN 10204.

2. Scope

This delivery specification applies to all parts ordered with inspection certificate 3.1 according to DIN EN 10204 except for brake discs, whose requirements are described in the company standard BN 405-002.

3. Terms and Abbreviations

APZ 3.1 Inspection certificate 3.1 according to DIN EN 10204

4. Responsibilities

For compliance with this delivery specification	Supplier
For monitoring	Quality management, Purchase department

5. Description

To ensure the traceability of parts ordered with APZ 3.1 from the original manufacturer to the supplier, marking and complete documentation is mandatory.

5.1 Inspection Certificate 3.1

5.1.1 Definition

An APZ 3.1 is a certificate issued by the manufacturer, certifying that the delivered goods comply with the requirements stated in the order. It includes the results of the tests carried out on the basis of specific examinations.

Specific examination means that the tests were carried out on the exact same material out of which the delivered goods were manufactured.

5.1.2 Requirements

Only inspection certificates issued by the original manufacturer are allowed. The certificates have to be clearly legible and unchanged in their original information. The manipulation of the information (e. g. by removal of the manufacturer's/buyer's name and address) is prohibited!

The marking with internal information (e. g. registration number) is allowed as long as the marking is placed on an otherwise empty part of the certificate.

Transcripts of the APZ 3.1 are prohibited and will not be accepted! The risk of transfer errors is too great; furthermore the traceability would not be given anymore.

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The APZ 3.1 of the starting material has to include the chemical analysis, even if the purchase order does not explicitly asks for it.

Further specific tests, such as mechanical properties, will be ordered separately.

The APZ 3.1 has to be attached to the delivery. It also has to be send in advance by e-mail, addressed to the Quality Department (zeugnisse@pintschbubenz.de). In any case the certificate has to be received on the day of the delivery.

If the APZ 3.1 is attached to the delivery, it has to be protected against dirt, moisture, and any kind of damage.

The APZ 3.1 is part of the scope of supply. Therefore invoices cannot be settled until the APZ 3.1 is received.

5.2 Marking

All parts ordered with APZ 3.1 have to be visibly marked with steel stamps, by engraving, or by etching pen. The marking of cast parts can be molded.

The marking has to contain at least the following information:

- Heat number
- Test number*
- Sign of the person authorized to stamp

* The stamping of the test number is only necessary if more than one test number correlates with the same heat number.

It is permitted to use abbreviations instead of the heat/test number, but only if it is assured that the abbreviation can be clearly assigned to the heat/test number. Each heat/test number has to have his own abbreviation. The abbreviation has to be stated in the re-stamping certificate.

Exceptions: Belleville washers cannot be marked. Coil springs can be marked by pad printing or by using a permanent marker and it is allowed to mark them with a continuous number only, provided that the numbers are stated on the APZ 3.1.

5.3 Re-stamping Authorisation

Only companies in possession of a valid re-stamping authorisation are allowed to re-stamp. The employees assigned to stamping/markings have to be stated in the re-stamping authorisation and each of the employees has to have his own stamp with a unique number or a unique sign.

5.4 Re-stamping certificate

If a re-stamping has been carried out, a re-stamping certificate has to be issued. This certificate has to contain at least the following information:

- Order number
- Item description
- Item No. and/or drawing No.
- Quantity
- Dimensions and original manufacturer of the starting material

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- Material No. and/or description
 - Heat No., test No., and inspection certificate number
 - Complete stamping incl. stamp image of the person assigned to stamping
 - Registration No. of the re-stamping authorisation
 - Name and signature of the person assigned to stamping or otherwise responsible person

The inspection certificate has to be attached to the re-stamping certificate. If the material has been re-stamped before (e. g. by sub-suppliers), the relevant re-stamping certificates of those sub-suppliers have to be attached, too.

For the transmittal of the re-stamping certificate please see point 5.1.

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