TECHNICAL FILE

Mechanical connections

IN ACCORDANCE WITH APPLICATION REGULATIONS TRA 551

|  |  |
| --- | --- |
| Manufacturer |  |
| Production site | Headquarters |
| Address |  | Address |  |
| Tel |  | Tel |  |
| Email |  | Email |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Inspection body | PROCERTUS | Manufacturer |
| Checked □ | Checked □ |
| Agreement □ | Agreement □ |
| Date |  |  |  |
| NameInitialsSeal |  |  |  |

|  |
| --- |
| Remarks of the inspection body |
|  |

|  |
| --- |
| Remarks of the Manufacturer |
|  |

|  |
| --- |
| Remarks of PROCERTUS |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| Revision Number | Object of the modification | Page(s) concerned | Date of the modification |
|  |  |  |  |

DECLARATION OF THE MANUFACTURER

The attached Technical File (TD) is an integral part of the company's application for authorisation to use the BENOR mark for the production of mechanical connections cited above in accordance with NBN A 24-301/-302/-303 (\*), TRA 551 and PTV 302/303/309 (\*) carried out at the production site. The manufacturer-applicant shall declare that the content of this technical file is fully in line with the actual situation at the place of production at the date of the signature.

Done at

The

The manufacturer,

(\*)Delete the unnecessary entries

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FLOW CHART

SALES ORGANIZATION

DESCRIPTION OF THE MECHANICAL COUPLERS

Length : fixed [ ]  – variable [ ]

Diameters : equal [ ]  - different [ ]

OVERVIEW OF MECHANICAL COUPLER IN CASE OF EQUAL DIAMETERS

|  |  |  |
| --- | --- | --- |
| Diameters(mm) | **steel quality** | **Type**(B, F1 - F3) |
|  |  |  |
|  |  |  |

OVERVIEW OF THE MECHANICAL COUPLERS IN CASE OF DIFFERENT DIAMETERS (FILL IN STEEL QUALITY AND TYPE FOR THE REALIZED DIAMETER COMBINATIONS)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Diameters(mm) | **8** | **10** | **…** |  |
| 8 |  |  |  |  |
| 10 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Figure/diagram/photo of the mechanical couplers

Brand name, type of mechanical coupler

Dimensions of the mechanical couplers as function of the bar diameters. Give total length, thread length, outer diameter, ...

MAKING OF THE THREAD AND REALIZATION OF THE CONNECTION

* Description, step by step, of the procedure of realizing the mechanical connection, that is, preparation, threading, tightening…
* Process parameters and the control measurements. What are the ranges between which the measured value should be?
* The (measuring) devices that are used in the realization. Give their brand name/type/identification and purpose

Self-control Follow-up

* Self-control procedure (it must comply with TRA551).
* List the measuring devices used in self-control. Specify type/brand name/identification and purpose.

FACTORY LAY-OUT

A plan of the factory indicating where the machines for the production of mechanical couplers are located.

LABEL

Example of label, in accordance with TRA551, with BENOR logo.

DELIVERY NOTE

Example of delivery note, in accordance with TRA551, with BENOR logo