



Industrie Service

# CERTIFICATE

The Certification Body - 0036 - of  
TÜV SÜD Industrie Service GmbH

certifies that

**SAFAS S.p.A.**  
**Via Verona, 23**  
**I-36077 Tavernelle di Altavilla (VI)**

has implemented, operates and maintains a

**Quality Assurance System in accordance with the**  
**Pressure Equipment Directive 97/23/EC (PED)**  
**Annex I, Paragraph 4.3**

as Material Manufacturer for the scope of

ferritic and stainless steel castings.

The scope of the approval is described in the annex to this certificate.

The manufacturer is, therefore, authorized to issue certificates of specific product control within the scope of the assessed quality system and in accordance with the Pressure Equipment Directive 97/23/EC and applied technical specifications. Possible additional requirements - specific to applied technical specifications to meet PED Annex I - are not affected.

This certificate is valid through April 2013

The validity of this certificate is connected to a valid certification in accordance with ISO 9001:2008.

Certificate No.: 32/2002/MUC

Munich, April 26<sup>th</sup>, 2011

**TÜV SÜD Industrie Service GmbH**  
**Zertifizierungsstelle für Druckgeräte**



*(Signature)*  
(Michael Sigl)

Notified Body, No. 0036

TÜV SÜD Industrie Service GmbH, Abteilung Werkstoff- und Schweißtechnik  
Westendstrasse 199, 80686 München



Industrie Service

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                           |  |                                                                          |  |                                              |  |                                                         |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |  |  |  |  |
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| Geltungsbereich der Überprüfung als Hersteller von Produkten nach DGR 97/23/EG, Anhang I, Abschnitt 4.3 /<br>Scope of Approval - Manufacturer of Base Materials used in accordance with PED, Annex I, Paragraph 4.3                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                           |  |                                                                          |  |                                              |  |                                                         |  | Anlage zum Zertifikat Nr. / Annex to Certificate No.<br>32/2002/MUC von/dated 26 <sup>th</sup> April, 2011*) |  |                           |  |                                                                                                                                                        |  |  |  |  |  |
| Hersteller/<br>Manufacturer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Name:<br>Straße/Street:<br>Ort/City:                                                      |  | SAFAS, S.p.A.<br>Via Verona, 23<br>I – 36077 Tavernelle di Alavilla (VI) |  | Werk-/<br>Plant:                             |  | Nationalität/<br>Country:                               |  | Datum/<br>Date:                                                                                              |  | Blatt-Nr. /<br>Page No.:  |  | Zertifizierungsstelle für Druckgeräte<br>Benannte Stelle, Kennnummer / Notified Body, No. - 0036 -<br>Geschäftsfeld Anlagentechnik / Plant Engineering |  |  |  |  |  |
| Ifd.<br>Nr. /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Werkstoffbezeichnung/<br>Werkstoff-Nr. /                                                  |  | Werkstoff /<br>Material                                                  |  | Liefer-<br>zustand/<br>Delivery<br>Condition |  | Prüfgegenstand/<br>Erzeugnisform/Begriff<br>Description |  | Abmessungen<br>Dimensions<br>Dicke/Thickness<br>Durchmesser/diameter                                         |  | Gewicht<br>Weight<br>max. |  | Bemerkungen                                                                                                                                            |  |  |  |  |  |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | Material Designation /                                                                    |  | Art.<br>Spec.                                                            |  | Nr.<br>No.                                   |  | Product<br>Terminology                                  |  | von<br>from                                                                                                  |  | bis<br>to                 |  | Remarks                                                                                                                                                |  |  |  |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | 2                                                                                         |  | 3a                                                                       |  | 3b                                           |  | 5                                                       |  | 6a                                                                                                           |  | 6b                        |  | 8a                                                                                                                                                     |  |  |  |  |  |
| 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | GS-38.3; GS-45.3                                                                          |  | DIN                                                                      |  | 1681                                         |  | Gußstück / casting                                      |  |                                                                                                              |  | 1                         |  | 12                                                                                                                                                     |  |  |  |  |  |
| 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | GP240GH / GS-C 25<br>G20Mn5 / GS-22 Mo 4<br>G17CrMo5-5 / GS-17<br>CrMo 5 5                |  | DIN EN /<br>DIN                                                          |  | 10213<br>17245                               |  | Gußstück / casting                                      |  |                                                                                                              |  | 1                         |  | 12                                                                                                                                                     |  |  |  |  |  |
| 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Austenitischer Stahlguss /<br>stainless steel casting                                     |  | DIN EN/<br>DIN                                                           |  | 10213<br>17445                               |  | Gußstück / casting                                      |  |                                                                                                              |  | 1                         |  | 12                                                                                                                                                     |  |  |  |  |  |
| 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | GX6CrNi18-10                                                                              |  | SEW                                                                      |  | 685                                          |  | Gußstück / casting                                      |  |                                                                                                              |  | 1                         |  | 12                                                                                                                                                     |  |  |  |  |  |
| 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | G-X5CrNi 13 4 /<br>G-X3CrNi 13 4                                                          |  | VdTÜV<br>DIN EN                                                          |  | 452<br>10213                                 |  | Gußstück / casting                                      |  |                                                                                                              |  | 1                         |  | 12                                                                                                                                                     |  |  |  |  |  |
| 06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | Unlegierte und niedrig<br>legierte<br>Werkstoffe / unalloyed and<br>low alloyed materials |  | DIN EN                                                                   |  | 10025                                        |  | Blöcke / ingots                                         |  |                                                                                                              |  | 1                         |  | 10                                                                                                                                                     |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                           |  | DIN                                                                      |  | 17100                                        |  |                                                         |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | C 35, Ck 35, Cq 35, 24<br>CrMo 5                                                          |  | DIN<br>EN                                                                |  | 17240<br>10269                               |  |                                                         |  |                                                                                                              |  | 1                         |  | 10                                                                                                                                                     |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | C 35 E                                                                                    |  | DIN                                                                      |  | 17440                                        |  |                                                         |  |                                                                                                              |  | 1                         |  | 10                                                                                                                                                     |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Austenite ohne N-/Cu-<br>legierte /stainless steel<br>without N-/Cu- alloys               |  | DIN<br>EN                                                                |  | 10272                                        |  |                                                         |  |                                                                                                              |  | 1                         |  | 10                                                                                                                                                     |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | C 22.8                                                                                    |  | DIN<br>EN                                                                |  | 17243<br>10222-2<br>350/3                    |  |                                                         |  |                                                                                                              |  | 1                         |  | 10                                                                                                                                                     |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | C 22.3                                                                                    |  | VdTÜV                                                                    |  | 364                                          |  |                                                         |  |                                                                                                              |  | 1                         |  | 10                                                                                                                                                     |  |  |  |  |  |
| Bei der Verwendung der Werkstoffe nach Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerks bzw. der Druckgeräterichtlinie zu beachten.<br>Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen benannten Stelle erforderlich.<br>For the use of the materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed.<br>The specific material operating conditions have to be approved by pressure equipment manufacturer or respectively by the notified body in charge.                  |  |                                                                                           |  |                                                                          |  |                                              |  |                                                         |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |  |  |  |  |
| Explanation: A = Lösungsgeglüht und abgeschreckt / solution annealed and quenched L = Lösungsgeglüht/solution annealed N = Normalgeglüht/normalized S = Spannungsarmgeglüht/stress relieved TM = Thermomech. behandelt/thermo-mech. treated U = ungeglüht/ not annealed V = ver-<br>güht/quenched and tempered CR = Temperaturgeglüht warmumgeformt/ temperature controlled hot formed (controlled rolled) G = weichgeglüht/annealed a = Weichgeglüht/annealed acc. to technical rules e = Gewicht in den Techn. Regeln/ weight acc. to technical rules f = Nr. der Techn. Regeln/ in Spalte 11/technical rules reference column 11 |  |                                                                                           |  |                                                                          |  |                                              |  |                                                         |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |  |  |  |  |
| *) Die Gültigkeit des Zertifikates ist an eine gültige Zertifizierung gemäß ISO 9001:2008 gebunden / The validity of this certificate is connected to a valid certification in accordance with ISO 9001:2008.                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                           |  |                                                                          |  |                                              |  |                                                         |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |  |  |  |  |



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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|--|---------------------------------------------------------------------------|--|----------------------------------------------|--|---------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------|--|---------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|--|----|--|----|--|
| Geltungsbereich der Überprüfung als Hersteller von Produkten nach DGR 97/23/EG, Anhang I, Abschnitt 4.3 /<br>Scope of Approval - Manufacturer of Base Materials used in accordance with PED, Annex I, Paragraph 43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                            |  |                                                                           |  |                                              |  |                                                         |  | Anlage zum Zertifikat Nr. / Annex to Certificate No.<br>32/2002/MUC von/dated 26 <sup>th</sup> April, 2011*) |  |                           |  |                                                                                                                                                        |  |    |  |    |  |    |  |
| Hersteller/<br>Manufacturer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | Name:<br>Straße/Street:<br>Ort/City:                       |  | SAFAS, S.p.A.<br>Via Verona, 23<br>I - 36077 Tavernelle di Altavilla (VI) |  | Werk/<br>Plant:                              |  | Nationalität/<br>Country:                               |  | Datum/<br>Date:                                                                                              |  | Blatt-Nr./<br>Page No.:   |  | Zertifizierungsstelle für Druckgeräte<br>Benannte Stelle, Kennnummer / Notified Body, No. - 0036 -<br>Geschäftsfeld Anlagentechnik / Plant Engineering |  |    |  |    |  |    |  |
| Ifrd.<br>Nr./                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | Werkstoffbezeichnung/<br>Werkstoff-Nr. /                   |  | Werkstoff /<br>Material                                                   |  | Liefer-<br>zustand/<br>Delivery<br>Condition |  | Prüfgegenstand/<br>Erzeugnisform/Begriff<br>Description |  | Abmessungen<br>Dimensions<br>Dicke/Thickness<br>Durchmesser/diameter                                         |  | Gewicht<br>Weight<br>max. |  | Bemerkungen                                                                                                                                            |  |    |  |    |  |    |  |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Material Designation /                                     |  | Art.<br>Spec.                                                             |  | Nr.<br>No.                                   |  | Product<br>Terminology                                  |  | von<br>from                                                                                                  |  | bis<br>to                 |  | Remarks                                                                                                                                                |  |    |  |    |  |    |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 2                                                          |  | 3a                                                                        |  | 3b                                           |  | 5                                                       |  | 6a                                                                                                           |  | 6b                        |  | 7a                                                                                                                                                     |  | 7b |  | 8a |  | 8b |  |
| 07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | WCA, WCB, WCC                                              |  | ASME                                                                      |  | SA216<br>SA216M<br>A216<br>A216M             |  | Gußstück / casting                                      |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  | 1  |  | 10 |  |
| 08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | WC1, WC6, WC9, CA15                                        |  | ASME                                                                      |  | SA217<br>SA217M<br>A217<br>A217M             |  | Gußstück / casting                                      |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  | 1  |  | 10 |  |
| 09                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | CF3, CF3M, CF8, CF8M,                                      |  | ASTM                                                                      |  | A296<br>A296M                                |  | Gußstück / casting                                      |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  | 1  |  | 10 |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | CF3, CF3A, CF8M, CF8,<br>CF8A, CF8C, CF3M,<br>CD4MCu, CN7M |  | ASME                                                                      |  | SA351<br>SA351M<br>A351<br>A351M             |  | Gußstück / casting                                      |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  | 1  |  | 10 |  |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | LCA, LCB, LCC, LC1,<br>LC2, LC2-1, LC3                     |  | ASME                                                                      |  | SA352<br>SA352M<br>A352<br>A352M             |  | Gußstück / casting                                      |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  | 1  |  | 10 |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 8, class B+ C                                              |  | ASME                                                                      |  | SA487<br>SA487M<br>A487<br>A487M             |  | Gußstück / casting                                      |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  | 1  |  | 10 |  |
| <p>Bei der Verwendung der Werkstoffe nach Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerks bzw. der Druckgeräterichtlinie zu beachten.<br/>Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen benannten Stelle erforderlich./<br/>For the use of the materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed.<br/>The specific material operating conditions have to be approved by pressure equipment manufacturer or respectively by the notified body in charge.</p>                                                                                                                                                                                                                                                     |  |                                                            |  |                                                                           |  |                                              |  |                                                         |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  |    |  |    |  |
| <p>Explanation: A = Lösungsgeglüht und abgeschreckt / solution annealed and quenched L = Lösungsgeglüht / solution annealed and quenched N = Normalgeglüht/normalized S = Spannungsarmgeglüht/stress relieved TM = Thermomech. behandelt/thermo-mech. treated U = ungeglüht/ not annealed V = ver-<br/>güßte/quenched and tempered CR = Temperaturgeglüht warmumgeformt/ temperature controlled hot formed (controlled rolled) G = weichgeglüht/annealed a = Werkstoffbezeichnung in Spalte 11/material designation in column 11 b = Lieferzustand in Spalte 11/ delivery condition in column 11 c =<br/>Prüfgegenstand in Spalte 11/object in column 11 d = Abmessungen in den Techn. Regeln/dimensions acc. to technical rules e = Gewicht in den Techn. Regeln / weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 11/technical rules reference column 11</p> |  |                                                            |  |                                                                           |  |                                              |  |                                                         |  |                                                                                                              |  |                           |  |                                                                                                                                                        |  |    |  |    |  |    |  |
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| Geltungsbereich der Überprüfung als Hersteller von Produkten nach DGR 97/23/EG, Anhang I, Abschnitt 4.3 /<br>Scope of Approval - Manufacturer of Base Materials used in accordance with PED, Annex I, Paragraph 4.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                          |  |                                                                           |  |                                                                           |  |                                                                                   |  | Anlage zum Zertifikat Nr. / Annex to Certificate No.<br>32/2002/MUC von/dated 26 <sup>th</sup> April, 2011*) |  |                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| Hersteller/<br>Manufacturer:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Name:<br>Straße/Street:<br>Ort/City:     |  | SAFAS, S.p.A.<br>Via Verona, 23<br>I - 36077 Tavernelle di Altavilla (VI) |  | Werk-/<br>Plant:                                                          |  | Nationalität/<br>Country:                                                         |  | Datum/<br>Date:                                                                                              |  | Blatt-Nr./<br>Page No.:<br>3 von / of 3 |  | Zertifizierungsstelle für Druckgeräte<br>Benannte Stelle, Kennnummer / Notified Body, No. - 0036 -<br>Geschäftsfeld Anlagentechnik / Plant Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |
| lfd.<br>Nr./                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Werkstoffbezeichnung/<br>Werkstoff-Nr. / |  | Werkstoff /<br>Material                                                   |  | Liefer-<br>zustand/<br>Delivery<br>Condition<br>Kurz-<br>zeichen/<br>Code |  | Prüfgegenstand/<br>Erzeugnisform/Begriff<br>Description<br>Product<br>Terminology |  | Abmessungen<br>Dimensions<br>Dicke/Thickness<br>Durchmesser/diameter                                         |  | Gewicht<br>Weight<br>max.               |  | Bemerkungen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Material Designation /                   |  | Art.<br>Spec.                                                             |  | Nr.<br>No.                                                                |  |                                                                                   |  | von<br>from                                                                                                  |  | bis<br>to                               |  | Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 2                                        |  | 3a                                                                        |  | 3b                                                                        |  | 5                                                                                 |  | 6a                                                                                                           |  | 6b                                      |  | 8a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | CF3, CF8M, CF8, CF8C,<br>CF3M, CN7M      |  | ASTM                                                                      |  | A743                                                                      |  | Gußstück / casting                                                                |  |                                                                                                              |  |                                         |  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | CF3,CF8M, CF8, CF8C,<br>CF3M, CN7M       |  | ASTM                                                                      |  | A744                                                                      |  | Gußstück / casting                                                                |  |                                                                                                              |  |                                         |  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                          |  |                                                                           |  |                                                                           |  |                                                                                   |  |                                                                                                              |  |                                         |  | Bei der Verwendung der Werkstoffe nach Spalte 2 bis 4 sind die Festlegungen und Grenzen des jeweiligen Regelwerks bzw. der Druckgeräterichtlinie zu beachten.<br>Für die spezifischen Einsatzbedingungen der Werkstoffe ist die Zustimmung des Druckgeräteherstellers bzw. der zuständigen benannten Stelle erforderlich./<br>For the use of the materials acc. to column 2 till 4 the regulations and limits of the respective standards have to be observed.<br>The specific material operating conditions have to be approved by pressure equipment manufacturer or respectively by the notified body in charge. |  |  |  |  |  |
| Explanation: A = Lösungsgeglüht und abgeschreckt / solution annealed and quenched L = Lösungsgeglüht/solution annealed N = Normalgeglüht/normalized S = Spannungsarmgeglüht/stress relieved TM = Thermomech. behandelt/thermo-mech. treated U = ungeglüht/ not annealed V = ver-<br>güht/quenched and tempered CR = Temperaturgeglüht wärmungsformt/ temperature controlled hot formed (controlled rolled) G = weichgeglüht/annealed a = Werkstoffbezeichnung in Spalte 11/material designation in column 11 b = Lieferzustand in Spalte 11/delivery condition in column 11 c =<br>Prüfgegenstand in Spalte 11/object in column 11 d = Abmessungen in den Techn. Regeln/dimensions acc. to technical rules e = Gewicht in den Techn. Regeln/ weight acc. to technical rules f = Nr. der Techn. Regeln in Spalte 11/technical rules reference column 11 |  |                                          |  |                                                                           |  |                                                                           |  |                                                                                   |  |                                                                                                              |  |                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |
| *) Die Gültigkeit des Zertifikates ist an eine gültige Zertifizierung gemäß ISO 9001:2008 gebunden / The validity of this certificate is connected to a valid certification in accordance with ISO 9001:2008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                          |  |                                                                           |  |                                                                           |  |                                                                                   |  |                                                                                                              |  |                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |  |  |