



Industrie Service

ZERTIFIKAT

TÜV SÜD-KTA-0007.2016.002

Die Firma

T.T.I. - Tubacex Tubos Inoxidables, S.A.U.
Plant: Llodio, Amurrio und SBER, A-Ternitz

wurde als Hersteller nach

KTA 3201.1, Abschnitt 2.5

überprüft und anerkannt.

Der Geltungsbereich der Überprüfung sowie weitere Einzelheiten sind dem zugehörigen Bericht Nr. 3416506 entnehmen.

Die Firma verfügt über folgende Voraussetzungen:

- Einrichtungen, die eine sachgemäße und dem Stand der Technik entsprechende Herstellung und Prüfung gestatten,
- eine Qualitätssicherung, die eine den Technischen Regeln entsprechende Herstellung und Prüfung der in unserem Bericht genannten Erzeugnisformen sicherstellt,
- fachkundiges Aufsichts- und Prüfpersonal.

Die Bescheinigung gilt bis März 2023.

München, 22. März 2021



Zertifizierungsstelle
Werkstoff- und Schweißtechnik

(K. Schlotterer)





Industrie Service

CERTIFICATE

TÜV SÜD-KTA-0007.2016.002

The company

T.T.I. - Tubacex Tubos Inoxidables, S.A.U.
Plant: Llodio, Amurrio and SBER, A-Ternitz

has been audited and approved as manufacturer according to

KTA 3201.1, Section 2.5

The scope of the audit and other relevant data are detailed in our report no. 3416506.

The company

- has facilities permitting manufacturing and inspection in compliance with the current technical standards,
- operates a quality system which guarantees that manufacturing and inspection of the products stated in our report are in conformity with the technical rules and standards,
- employs qualified supervisory and inspection personnel.

The certificate expires in March 2023.

Munich, March 22nd, 2021



Certification Body
Material and Welding Technology

(K. Schlotterer)



EQ3042017

TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany



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Add value.
Inspire trust.

REPORT

Order-No.: 3416506

Inspector: M. Strobel

Contractor: T.T.I. - Tubacex Tubos Inoxidables, S.A.U.
Tres Cruces, 8
E-01400 Llodio (Alava)

Date of Order: 11.03.2021

Date: 22.03.2021

Our reference:
IS-AN21-MUC/str

P/O: Order Confirmation C. Arrieta
P.O. Nr. 92676LL

Document:
Report 3416506

This Document consists of
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Purpose: Renewal of manufacturer certification in accordance with AD 2000-Merkblatt W 0 and pressure equipment directive 2014/68/EU, Annex I, Section 4.3 combined with EN 764-5 and KTA 3201.1 Annex 2.5 for the manufacturing of seamless tubes from ferritic and stainless steels

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The test results refer exclusively to the units under test.

1. General

At company T.T.I. - Tubacex Tubos Inoxidables, S.A., a re-certification audit of the manufacturing facilities was carried out on 10.09.2021 to verify that the facilities continue to comply with the requirements set forth in AD 2000-Merkblatt W 0 and PED 2014/68/EU combined with EN 764-5 and KTA 3201.1 Annex 2.5. T.T.I. - Tubacex Tubos Inoxidables manufactures seamless tubes in ferritic and stainless steels.

The audit was performed via Video conference due to the ongoing Pandemic and travel restrictions. A prolongation of 6 months was already made.

Meetings were held with the personnel being responsible for the manufacture and quality management. The TÜV inspectors took a look at the manufacturing processes and sequences in detail, quality assurance, quality control and marking system as applied in the manufacture of the company. The TÜV inspector convinced himself that the entries made by the manufacturer in the annex and in the quality assurance manual are correct in substance.

2. Changes

Reduction of personal is intended of the general management. At the moment the company doesn't produce due to strike of the employees.

In the finishing area MES Software was introduced (Production control software)

Testing machines were updated to have direct connection to SAP.

3. Annexes

- Organization chart and other documents related to quality assurance see Annex
- ISO 9001:2015 see Annex
- Qualification of NDT personnel (were checked during the audit)
- Example of 3.1 inspection certificate

4. Examination of Quality-Assurance Measures

The observance and execution of measures were checked in the context of the quality assurance. During the plant tour following was checked in detail.

4.1 Documentation and mill test certificates

The documentation for order no. 2021F0173 for pipes in acc. to ASTM A213 were reviewed during the audit.

The result is in full compliance with all customer-related requirements and the applicable technical standards.

4.2 Examination of the monitoring and measuring equipment used in production

List of the monitoring and measuring devices were checked. Monitoring and measuring devices are successfully controlled and calibrated in accordance with the requirements of the quality management system. Calibration reports are available. Changes in measuring methods, if any, must be verified for effectiveness by TÜV SÜD Industrie Service GmbH.

4.3 Certification in accordance with ISO 9001:2015

The quality management system is documented in the quality management manual in accordance with ISO 9001:2015. The quality management was reviewed on site by the TÜV expert. However, this review is not part of this report. The company has been certified by AENOR in accordance with the ISO 9001:2015 standard. This certificate is valid to 2021-06-08.

4.4 Corrective actions

The relevant chapters QM 8.7 Procedure : PA 11 rev. 3 and procedure 13.03-CLAG.GENE-P.001-ES (PTX 36) rev. 10 in the quality management manual and the respective work instructions and documented procedures were reviewed during the audit.

5. Materials testing

No intension for scope extension. Regular 3.2 inspection are carried out by TÜV SÜD Atisae.

6. Responsibilities

T.T.I. - Tubacex Tubos Inoxidables must notify the TÜV expert of any changes that may impact on this approval, specifically all changes that concern the scope of this approval, test supervisors, or works inspectors or all changes in the production process.

7. Comments

7.1 3.1-Certificates

All 3.1. inspection certificates issued by company for products in accordance with the above standards (AD 2000 Merkblatt / PED 2014/68/EU) must bear the following note:

“Ausgestellt im Einvernehmen mit dem TÜV SÜD (13.10.1977)“

“Issued in agreement with TÜV SÜD (13.10.1977)“

"QS approved acc. to PED, Annex I, Para. 4.3 by Notified Body 0036"

“(Certification no. DGR-0036-QS-W 342/2008/MUC)“

“Auf eine Gegenzeichnung wurde mit Schreiben des TÜV Baden (21.08.1992) verzichtet.“ /

“Waving (Renunciation) of countersigning see letter TÜV Baden (21.08.1992)“.

On product deliveries that are **not** subject to the above code, this note must be removed.

- Review of 3.1 inspection certificates

Within the scope of the audit, the TÜV SÜD inspector reviewed some 3.1 inspection certificates. The review resulted in no objections.

The above statement must be removed for deliveries of products **not** subject to this Technical Code.

7.2 Pre-material

The pre-material is coming from manufacturer qualified according to AD 2000-Merkblatt W 0 / TRD 100.

7.3 *Performance of Heat Treatment*

In every heat treatment, the trend of the temperature versus time must be charted automatically, i.e. components to be used in equipment subject to supervision may only be heat treated in appropriately equipped furnaces.

The heat treatment charts must be clearly marked in advance and retained together with the other production and test documentation of the parts up to the next re-certification audit at minimum, or presented to the TÜV expert on request.

In addition, the applicable legal requirements or customer-related requirements concerning the retention period must be complied with.

7.4 *Marking*

The marking of the pipes shall be done in accordance with the relating German Technical Regulations.

7.5 *Non-destructive testing*

This report does not cover the approval of non-destructive test equipment. If the technical standards and regulations require non-destructive testing, the relevant facilities and the relevant personnel must be certified.

Personnel that carry out non-destructive testing under the scope of AD 2000-Merkblatt W 0 or PED 2014/68/EU must be qualified in accordance with the EN ISO 9712 standards.

Missing qualifications, if any, pertaining to non-destructive testing personnel must be approved and documented by a recognized third party organization prior to start of manufacturing. Requirements of CEN/TR 15589 shall be regarded.

NDT Personal acc. to EN ISO 9712 is available and qualified at T.T.I.

7.6 *Advertising.*

If T.T.I. - Tubacex Tubos Inoxidables uses manufacturer certification in accordance with AD 2000-Merkblatt W 0 / PED 2014/68/EU, Annex I, Section 4.3 for advertising purposes, the type of approval must be named.

The client must conclude an appropriate agreement on the use of the TÜV SÜD logo with TÜV SÜD Industrie Service GmbH. Any flyers and brochures used in advertising must be submitted to TÜV SÜD Industrie Service GmbH for approval.

7.7 Notes

Customer specifications have to be counterchecked in regard to the requirements of AD 2000 – W0 standard. If there are any deviations the customer has to be contacted for clarification.

8. Requirements to be met by T.T.I. - Tubacex Tubos Inoxidables acc. to KTA 3201.1 Para. 2.5

- (1) T.T.I. - Tubacex Tubos Inoxidables has equipment and personnel to be capable of properly carrying out the processing, testing and inspection as well as transport of product forms, parts and components. Equipment and personnel from other organisations meeting these requirements may also be employed.
- (2) The testing and inspection facilities permit the implementation of the tests and inspections in acc. with the applicable rules and standards.
- (3) The measuring and testing equipment are monitored.
- (4) T.T.I. - Tubacex Tubos Inoxidables ensures that the required quality of the parts to be manufactured is obtained.
- (5) T.T.I. - Tubacex Tubos Inoxidables employs responsible and competent supervisory personnel for all manufacturing steps. The persons conducting quality assurance activities are independent of the persons who are responsible for fabrication.
- (6) Within the course of manufacture the authorised inspector is entitled at any time to satisfy himself that these requirements have been fulfilled.



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9. Summary

The TÜV expert concluded that company T.T.I. - Tubacex Tubos Inoxidables has the equipment, processes and qualified personnel that are required to manufacture products in accordance with AD 2000 Merkblatt W 0 and PED 2014/68/EU, Annex I, Section 4.3. T.T.I. - Tubacex Tubos Inoxidables is thus certified to manufacture the products listed in the scope (in the Annex) of the respective certificates.

10. Final Conclusion

The TÜV expert hereby recognises that company T.T.I. - Tubacex Tubos Inoxidables has:

- The relevant facilities and equipment to ensure state-of-the-art production and testing in accordance with the above standards and directives.
- A quality management system that ensures material handling and processing in accordance with the relevant rules and regulations
- An expert test supervisor and expert inspection personnel.

This certificate is valid to March 2023. The certificate can be renewed if required and on request.

M. Strobel

Department

Material and Welding Technology