This certificate is granted and awarded by the authority of the Nadcap Management Council to:

TITANIA, Ensayos y Proyectos Industriales S.L.

Parque Tecnologico Tecnobahia, edificio RETSE, nave 4
El Puerto de Santa Maria (CADIZ) , 11500
Spain

This certificate demonstrates conformance and recognition of accreditation for specific services, as listed in www.eAuditNet.com on the Qualified Manufacturers List (QML), to the revision in effect at the time of the audit for:

Materials Testing

Certificate Number: 10193174304
Expiration Date: 31 January 2019

Joseph G. Pinto
Executive Vice President and Chief Operating Officer

SCOPE OF ACCREDITATION

Materials Testing

TITANIA, Ensayos y Proyectos Industriales S.L.
Parque Tecnologico Tecnobahia, edificio RETSE, nave 4
El Puerto de Santa Maria (CADIZ) , 11500
Spain

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

AC7101/1 Rev F - Nadcap Audit Criteria for Materials Testing Laboratories – General Requirements for All Laboratories (to be used on/after 14 Sept 2014)

AC7101/2 Rev D - Nadcap Audit Criteria for Materials Test Laboratories – Chemical Analysis (to be used on audits on/after 22 March 2015)

(F) Atomic or Optical Emission Spectroscopy (AES or OES)
(F3) Atomic Emission Spectroscopy – Spark/Arc (S/A–OES)
Specify the Alloy Base for Accreditation
Al Base
Fe Base
Ti Base

AC7101/3 Rev D - Nadcap Audit Criteria for Materials Test Laboratories – Mechanical Testing (to be used on audits on/after 4 December 2016)

(A) Room Temperature Tensile

AC7101/4 Rev F - Nadcap Audit Criteria for Materials Test Laboratories – Metallography and Microindentation Hardness (to be used on/after 14 August, 2016)

(L0) Metallographic Evaluation
(L1) Microindentation (Interior)
(L11) Grain Size
(L7) Near Surface Examinations – IGA, IGO

AC7101/5 Rev D - Nadcap Audit Criteria for Materials Test Laboratories – Hardness Testing

(Macro) (to be used on audits on/after 22 March 2015)
(M1) Brinell Hardness
(M2) Rockwell Hardness
(M3) Vickers Hardness

AC7101/6 Rev C - Nadcap Audit Criteria for Materials Test Laboratories – Corrosion (to be used on/after 28 August, 2011)
(Q) Corrosion (General)

AC7101/7 Rev D - Nadcap Audit Criteria for Materials Test Laboratories – Mechanical Testing Specimen Preparation (to be used on audits on/after 15 May 2016)
(Z) Standard Specimen Machining

AC7101/11 Rev C - Nadcap Audit Criteria for Materials Test Laboratories – Fastener Testing (to be used on audits on/after 25 October 2015)
(13) Shear Strength – Double Shear
(31) Torque – Locking, Torque–Out
(40L25) Metallography – Grain Size
(6–L5) Hardness – Microindentation Hardness
(6–M2) Hardness – Rockwell
(6–M3) Hardness – Vickers
(Q) Corrosion – Salt Spray
(QF) Corrosion – Copper Sulfate

ISO/IEC - Currently accredited by an ILAC approved source

Lab Type - Lab Type
Independent