“Accreditation News” issue 62
Fourth Quarter 2012

(Page 1)
ENAC FROM THE INSIDE

ENAC's general assembly approves budget for 2013

Improvements to processes will allow rates in 2013 to be lowered to 2011 levels.

In order to continue providing the best service, new professionals will be joining the organization.

One of the strategic lines of action is the promotion of accreditation as an element of support for internationalizing businesses.

ENAC's Ordinary General Assembly was held on the 12th of December, where Director General, Sra Beatriz Rivera, presented the Budget and Agenda Plan for 2013.

During her speech the Director General highlighted what will be one of ENAC's strategic lines of action in 2013; the promotion of action to communicate how accreditation helps the international effort of Spanish companies. In this sense she stressed that accreditation is the key, provided that it is one of the mechanisms recognized both by the World Trade Organization and by the European Union to minimize the Technical Barriers to Trade, which still are a major problem even within the Union and are perceived as such by companies.

It is here where the Mutual Recognition Agreements, signed in the heart of EA as well as the ILAC and IAF, show the value of being undersigned by ENAC. For Spanish products and services accessing external markets, the technical barriers (in the form of controls or tests in the importing country) which may arise in such a market, are significantly reduced or even eliminated if backed by certificates issued by ENAC-accredited laboratories or bodies.

Therefore, during 2013, ENAC will set increasing their contacts at all levels as an agenda priority, both for the Administration and for business organizations and institutions involved in export activities, so that accreditation is perceived more clearly by different Administrations as another tool at its disposal, thereby, becoming increasingly more useful for the accredited conformity evaluators.

With regards to the budget, the projection presented for 2013 sets a scene similar to 2012 when it comes to the activity. However thanks to, among other factors, accreditation processes being simplified and computerised (Adapted and Modernized Plans) ENAC will be able to drop the rates in 2013, for the most part, back to 2011 levels, as well as hire six new people, representing a growth of 7% to the workforce.

In this sense, the Director General highlighted and thanked the efforts made by the entire ENAC organization in 2012 which made it possible for ENAC, even in a year as complicated as the one starting now, to be able to present itself to its partners, customers and society in general as a serious, professional organization committed to public service. This is, and has always been, something that Sra Rivera has attributed to the high professionalism and enthusiasm of ENAC staff.

For more information: enac@enac.es

Forums with Government in 2012

This initiative, which emerged in 2005, has become a key element for cooperating and communicating with the Competent Authorities

The activities developed in 2012 have enabled us to continue to strengthen the transparency of accreditation processes, improve information exchange and incorporate the Administration's needs and expectations so ensuring coordination between the supervision activities carried out by the Autonomous Communities and ENAC's accreditation.

Agri-food product Certification

This forum's annual announcement focused on the accreditation of Regulatory Councils and inspection bodies appointed for the Protected Designations of Origin and Geographical Indications certification, one of the best implemented differentiated quality schemes. Currently in Spain, almost 160 agri-food products, more than 120 wines and 16 spirits enjoy this protection.

In particular it addressed various topics related to registering and applying wine tenders and the impact on accreditation processes and scope, the applicable control in packaging outside the production area or the needs and development level of accredited organoleptic testing.

Emission Allowances Trading Verifiers

This forum focused on the changes taking place in European regulation of trade in emission allowances trading, with the recent adoption of the Rules of Accreditation and Verification and of Monitoring and Notification (see Accreditation News no. 61), and its impact on emissions verification corresponding to the 2013-2020 period and on the verifiers' accreditation processes.

In the course of the meeting, ENAC presented work being carried out in Europe for developing regulations and producing numerous application guides, as well as establishing the Multilateral Recognition Agreement for this plan so that ENAC has already requested its evaluation to be included as a signatory.

Control Bodies

Along with the state of accreditation review addressing new issues such as the revision of the UNE EN ISOIEC 17020:2012 standard and the transition plan establishing the criteria and accreditation processes such as control bodies of individuals, or the new field of refrigerating facilities.

Road Vehicle Inspection

The framework of the annual Road Vehicle Inspection Forum, along with the work carried out throughout 2012, analysed various aspects of the evaluations made to these facilities, such as training and experience demands of those in charge of the road vehicle inspection sites according to the interpretation of the Autonomous Communities, the consideration of the Road Vehicle Inspection site's statistics audits as a tool to guide the sampling and the points which have an impact on the audit team's visit, and the organisation's need to adapt the complaints and appeals procedures to the new revision of the UNE EN ISOIEC 17020:2012 standard.

Pre-implantation Genetic Diagnosis

Preventing transmission of certain diseases to offspring is possible thanks to the pre-implantation genetic diagnosis (PGD)

In Spain, the Assisted Human Reproduction law 14/2006 permits these techniques to be applied in cases of the early-onset of serious diseases without curative postnatal treatment.

Sistemas Genómicos S.L. is the first ENAC-accredited laboratory for the pre-implantation genetic diagnosis of some monogenic diseases (Huntington disease, Steinert myotonic dystrophy and Fragile X syndrome), diseases caused by a genetic alteration in the DNA sequence of a single gene.

The study of the transmission of these diseases is based on the customized choice of some genetic markers obtained from the parents' DNA and the development of a method which determines whether embryos will inherit any of these markers, and therefore the possibility of developing a specific disease.

The removal of a single cell (blastomere) from an embryo to study through a biopsy enables the analysis to be carried out without altering development. One of the main technical difficulties lies in the fact of having a single cell, which entails working with a very small amount of DNA.

Based on the results obtained in PGD, it is established if an embryo is genetically free of the disease in study and is transferable to the mother's uterus.

For more information: lanorbe@enac.es

Microbiology in foods

First accreditation of a Proficiency Testing Provider for food microbiology.

On the 14th of September, Gabinete de Servicios para la Calidad (GSC) widened its accreditation as a proficiency testing provider to include microbiological parameters in food.

This broadens the offer of accredited proficiency testing exercises which Spanish Labs rely on, and within an activity, such as food microbiological tests, that is vital for the agri-food industry which is particularly important in our country.

Now the accredited scope includes a wide variety of proficiency testing exercises, for both fresh and prepared food, determining the presence or absence (research) or the amount of some of the most requested micro-organisms in control analysis.

For more information: mjcotarelo@enac.es

First accreditation for Quality Management Systems Certification for medical devices, according to UNE - EN ISO 13485:2004

ENAC has granted accreditation to the Spanish Agency of Medicines and Health Products (AEMPS) for quality management system certification for health products in the voluntary area.

AEMPS, the state agency attached to the Ministry of Health, Social Services and Equality through the General Secretary of Health and Consumer Affairs, has the duty to guarantee that drugs for human and the veterinary use as well as for sanitary products, cosmetics and personal hygiene products, comply with the criteria of quality, safety, efficacy and proper information pursuant to the regulations on these matters at the State level and in the European Union. AEMPS also is the Spanish Notified Body for CE marking of medical devices. The EN ISO 13485:2003 standard establishes a specific quality management system for manufacturing medical devices. Although it is based on the ISO 9001:2000 standard, some of its requirements have been modified to cover what was not provided before.

The ENAC accreditation is granted using the UNE - EN ISO/IEC 17021:2011 standard as a reference, applicable to the management system certification, complemented by the document IAF MD9:2011 "Application of ISOIEC 17021 in Medical Device Quality Management Systems (ISO 13485)".

For more information: egago@enac.es

Calibration for measuring dosage of radiation therapy

The first accreditation granted to a laboratory for calibrating radiotherapy dosage measurement equipment in hospital radio-physics services.

Calibration is critical to ensuring that the therapeutic dosage reaches the values prescribed by the oncologist

The Radio-physics Laboratory (RPL) is the Technology Platform of the Research and Development Technology Support Infrastructures Network (RIAIDT) at the University of Santiago de Compostela, and is coordinated by the Radiation Physics Research Group. This laboratory has been in operation since 2010 and carries out activities of ID in the field of radiotherapy, radiation protection, non-destructive testing for different sectors, especially aerospace. It is a radioactive installation with a bunker equipped with a cobalt-60 therapy unit.

Hospital Radio-physics services plan the dosage distribution in patients undergoing radiotherapy by using computer programs to calculate treatment. These programs need the experimental value of the dose absorbed in water (expressed by Gy Jkg in SI units) in different points of a recipient of water (which serves as a means of dosimetric reference).

The precision of the determination of dosage, which is measured with an ionization tube, operates in the overall accuracy with which a radiotherapy treatment deposits the planned dose in the volume of the tumour. Accurate calibration of laboratories ionization tubes is critical to ensuring that the therapeutic dose reaches the values prescribed by the oncologist.

For more information: hgonzalez@enac.es

First accreditation of product certification in the graphic arts field

The increasing competition in the Graphics Industry, the impact of new technologies, and the demand for shorter production times, mean that more than ever companies in the sector need to optimise their processes, and standardization is one of the ways to do so.

In this sense, AENGRAF has joined the first accreditation award as product certification body in the graphic arts field, of the accreditation of laboratories according to UNE-EN ISOIEC 17025 issued by ENAC for testing on optical properties of media and inks.

The certification on the basis of the series ISO 12647 standards, aims to fix the fundamental specifications which determine the printed visual aspects, as well as the range of tolerances, to ensure an adequate full-colour separation, the elimination of differences between the test and print results, and, ultimately, the correct communication of colour in the different stages of the production process.

For more information: egiraldo@enac.es

ENAC accredited the Laboratory of Railway Inter-operability (LIF) for the on-board ERTMS equipment testing

The LIF has accreditation to test all the constituent parts of the European Train Control System

The Railway Interoperability Laboratory (LIF) of the Public Works Studies and Experimentation Centre (CEDEX) has expanded the field of accredited equipment testing ERTMS from the Eurobaliza testing (accredited by ENAC since 2005) to the onboard part of the system. It consists of the receiving antenna of the Eurobaliza transmission system, the transmission module for decoding messages (BTM) and onboard control equipment and the train's automatic protection - EVC or European Vital Computer team.

With this expansion the LIF has accreditation to test all the constituent parts of the European Train Control System. The on-board protection and control equipment, EVC, has a particularly complex testing specification, since it is a functional verification of a highly sophisticated system. This specification has been adopted by all European signalling industries.

The LIF has led the European specification testing project for this component, in consortium with the German laboratory DLR, the Belgian Multitel laboratory and Italian classification society, RINA.

The technical specification, recognized as SRS 2.3.0 "d", referred to it in the extension of accreditation. It is the reference for coordinating the Spanish high speed network.

The accredited testing of the basic constituent parts of the European railway control and protection system in independent laboratories are the first step to guarantee the interoperability of the European rail system, essential for deregulating this mode of transport.

For more information: egiraldo@enac.es

(Page 6)
Current News

First laboratory accredited software quality testing

Recently the AQC laboratory has gained accreditation for the quality evaluation testing of software applications based on the family of ISOIEC 25000 standards.

Over the years, quality has become one of the most important aspects and has had a greater impact on software development projects. This importance began focusing on software development processes, with models such as CMMI and standards such as the ISO/IEC 15504. However, everyday more organizations and companies are interested not only in the quality of the processes used in software development, but also in the quality of the products they develop and/or acquire.

Regarding product quality, during recent years it has been defined by the family of ISO/IEC 25000 standards, which establishes criteria and processes for the specification and evaluation of software product quality requirements. Within this family, the ISO/IEC 25010 standard defines the model's characteristics and sub-characteristics of software product quality which can be evaluated: Functional Adequacy, Performance Efficiency, Compatibility, Usability, Reliability, Security, Maintainability and Portability.

Maintainability, notably, has been given this new accreditation, which is defined as the degree of effectiveness and efficiency with which a software product can be modified, meaning the degree with which software maintenance tasks can be performed on the product (defect correction, introduction of improvements or product adaptation to changes in requirements or the environment).
Maintainability is one of the main characteristics of software product quality because maintenance is one of the most expensive stages of the life cycle, about 80% of the total cost, and maintenance on low maintainability products are more likely to see new defects.

It is also one of the most popular features today for software customers. They demand that the developed software product can be easily maintained by themselves or by a third party.

For more information: egonzalez@enac.es

(Page 7)
Highlights

Collaboration with FEIQUE in the development of Responsible Care, the accredited Certification Scheme

The Chemical Industry Business Federation - FEIQUE - and ENAC have signed a Collaboration Agreement aimed at developing an Accredited Certification scheme for the international brand Responsible Care in Spain.

The denomination Responsible Care includes advanced programmes developed by the chemical industry for the improvement of safety, health and the Environment in all its operations, according to the principles of sustainable development.

This agreement between FEIQUE and ENAC creates a permanent table of coordination between the two organizations with the objective of supporting FEIQUE in developing requirements for the accreditation of certification bodies participating in the programme.

In this way, the agreement signed between the two bodies recognized ENAC as a fundamental part of FEIQUE's project, which, in the near future, seeks to establish this external certification of Responsible Care in Spain.

Fernando Galbis, Director-General of the Federation of the chemical industry - FEIQUE

"We are convinced this is the time to value Responsible Care through an ENAC accreditation scheme".

What made FEIQUE establish this agreement?

For more than 15 years, the chemical industry has been implementing and certifying external certification conforming to the most common environmental management systems standards and security, in the case of the ISO 14001 standard for example.

Without losing sight of the road already travelled, presently in many chemical plants there is a need to address the renewal of principles which already certified management systems are based on.

The Responsible Care initiative includes advanced programmes for the improvement of safety, Health and the Environment (SSMA) developed by the Chemical Industry in all its operations, according to the principles of sustainable development.

Responsible Care is implemented in 60 countries around the world. In Spain it has been coordinated by FEIQUE for twenty years. Currently, more than 60% of the Spanish chemical industry is already in the program, and since it was implemented in our country, companies which apply it have undergone significant advances in Safety, Health Protection and the Environment management.

Responsible Care has completed a stage requiring the phasing in of SSMA's own chemical industry management systems.

In this line, FEIQUE is developing a certifiable, specific Technical Standard for industry, which integrates these areas of Safety, Health and the Environment.

This standard is inspired by patterns and models already proposed by the most representative Chemical Industry associations, which coordinate the Responsible Care brand internationally: ICCA - International Council of Chemical Associations and CEFIC - The European Chemical Industry Council. FEIQUE is a member of the programme management Committees.

In addition, the certification schemes promoted by the industrial high-tech sectors have been a source of inspiration for FEIQUE in its objective to define, for Responsible Care, the type of certification scheme that we are looking for. They are clear examples of schemes led by economic sectors to value its most advanced management systems, whether it is Quality, or as in our case, relating to the Safety, Health and the Environment.

All this requires the necessary rigour in accrediting organizations certifying the Responsible Care brand, so we understand this collaboration agreement with ENAC is the key.

¿What is Responsible Care?

Responsible Care is the chemical industry's global, voluntary and active initiative which aims to ensure that the companies participating in this program reach; in their productive activity development, continuous improvements in relation to Safety, Health Protection and the Environment, as well as other parameters of corporate social responsibility leading to objectives of continuous improvement practice and measures in accordance with sustainable development principles.

Responsible Care started in Canada in 1986 and, since then, has been introduced in 60 countries, progressively incorporating the practice and measures of the chemical industry companies' sustainability policy with objectives of continuous improvement according to the principles of sustainable development. Currently, 70% of world chemical production is performed under the Programme's guarantee, ensuring the highest levels of protection for employees, facilities and the Environment in the operations of this industry.

Ever since Responsible Care was launched it hasn't changed its basic principles, which remain valid for all purposes even though they have evolved due to the demands and expectations of interested parties - including lawmakers, public authorities and organizations representing different social groups.

(Page 8)
Highlights

Characterization and identification of oil spills

ENAC has recently awarded the Environmental Diagnosis Institute and Water Studies (IDAEA), the Superior Council of Scientific Research (CSIC), the first accreditation in this field.

Obtained analytical results allow responsibilities to be clarified and help the Environmental cleaning and recovery process after an incident.

The determination of chemical "fingerprints", to identify the origin of intentional or accidental oil spills in the marine environment, has been a topic of great interest in the last thirty years.

The availability of effective and unequivocal analytical methods for characterizing these spills is required from the point of view of applying pollution control legislation. The analytical results are used to clarify responsibility, impose sanctions and to help the environmental cleaning and recovery process after an incident.

With the ultimate goal of establishing a national protocol for identifying oil spills in each of the European countries and with a view of adopting as a standard for international use, the European Standardisation Committee (CEN) has recently approved the standard method: Oil spill identification - Waterborne petroleum and petroleum products - Analytical methodology and interpretation of results (CENTR 15522-2).

The method consists of comparing the chemical composition of samples taken: both oil spills and potential sources of spills. The hydrocarbons residuals are analysed by gas chromatography comparing the characteristic profiles of different groups of compounds and the relative proportions of specific compounds in both samples. If the differences observed between the samples are not significant, i.e. they are smaller than the analytical variability, it can be concluded that the spill of both samples match and both spill comes from the analyzed source.

This new accreditation has joined the accredited testing catalogue already available to the Institute.

For more information: orecuero@enac.es

(Page 9)
Highlights

ILAC and IAF General Assemblies

The accreditation bodies from more than 80 countries and the representatives of numerous Governments, international bodies, industrial associations and professionals who participate and collaborate with ILAC and IAF, continue to work on their common objective

Once accredited, accepted anywhere

The ILAC (International Laboratory Accreditation Cooperation) and IAF (International Accreditation Forum) General Assemblies were held last October. ENAC's Director-General and Technical Director participated in the various sessions making up these organizations' annual meetings, providing a forum for international discussion on all the issues associated with the idea of accreditation as a generator of confidence.

The signing of the new international Mutual Recognition Agreement for inspection activities was one of the most noted events of the agenda. Accreditation bodies from 39 countries, including ENAC, have signed this new deal.

During the conference, they ratified the incorporation of accreditation bodies from different countries to the MLA for testing, calibration and product certification, and the adoption of transitional periods to adapt to new revisions of international conformity assessment standards.

Accreditation bodies from 39 countries sign the Mutual Recognition Agreement for inspection activities

The Agreement will facilitate access to Non-EU markets of products covered by accredited inspection accords

On the 24th of October, the accreditation bodies from 39 countries, including ENAC, became the first signatories of the new international Mutual Recognition Agreement (MLA) of ILAC for inspection activities.

This new agreement complements the one which has existed for years in Europe. **It will benefit more than 200 ENAC-accredited inspection bodies** and also companies relying on their services, as it facilitates access to Non-EU markets, an important fact for Spanish companies in current times.

As in the case of laboratory services, this new inspection agreement is based on the recognition of established and evaluated agreements in three regional cooperation organizations integrated in ILAC: European co-operation for Accreditation (EA), Asia Pacific Laboratory Accreditation Cooperation (APLAC) and the Inter-American Accreditation Cooperation (IAAC).

This kind of agreement process is long and laborious since it should assure the equivalence of the signatory accreditation bodies' evaluation processes and that the (ISOIEC 17020) standard of reference is applicable which may call into question such equivalence.

ENAC congratulates ourselves and our accredited inspection bodies and clients who now will be able to access Non-EU markets: an important fact for Spanish companies in current times

Once accredited, accepted anywhere

The signatory accreditation bodies of the MLA Multilateral Recognition Agreements use the same international standards, ensuring a uniform approach to assessing the competence of these bodies.

This enables cross-border agreements to be established, based on the evaluation and mutual acceptance of their accreditation and, so, the activities of conformity evaluation bodies accredited by them. Therefore, a report or certificate is achieved, issued by a body accredited by one of the MLA signatories to circulate and to be accepted in the other signatory countries.

The recognition and confidence in accreditation, as a mechanism to minimize the Technical Barriers to Trade, is increasingly reflected in the agreements signed within the framework of the World Trade Organization.

ENAC is party to all the Multilateral Recognition Agreements established in accreditation's international forums: European co-operation for Accreditation (EA), ILAC (International Laboratory Accreditation Cooperation) and IAF (International Accreditation Forum) in terms of testing, inspection and certification.

Therefore accredited services facilitate export and outsourcing, allowing Spanish companies to have support for the free movement of products and services recognized in the international markets.

(Page 10)
Highlights

ENAC takes up the EA Harmonization Committee Presidency

In the framework of the General Assembly of European Cooperation for Accreditation - EA - held on the 21st and 22nd of November in Bratislava, Ignacio Pina, Technical Director of ENAC, was elected President of the Harmonization Committee (HHC).

In addition to coordinating and monitoring the uniform application of the accreditation regulatory requirements (collected in the ISOIEC 17011 standard), HHC is in charge of coordinating the Notified Bodies' accreditation activities and overseeing the EA network for knowledge exchange

on European Directives, as well as analyzing European level sector plans, and coordinating the relations between the EA with the owners of such plans.

Ignacio Pina is also a member of the EA Executive Committee, responsible for implementing the organization's policies.

In the General Assembly, Thomas Facklam (DAkkS-Germany) was elected the new EA President, replacing Graham Talbot, while Nicole VanLaethem (BELAC-Belgium) has been elected new Multilateral Agreements Committee Chairperson.

ENAC represents the EA in the meeting organized by the European Commission of European genetics experts

On the 19th and 20th of November, experts in genetics from across Europe met in Ispra (Italy), in the European Commission Research Centre (JRC), to discuss the situation of laboratories which perform genetic testing in Europe and to develop the Commission proposals.

The meeting asked the EA participation (European Cooperation for Accreditation) to provide the necessary information on accreditation from different requests involved (OECD, EuroGentest Eucerd) to advise Governments on what is required by genetics laboratories accreditation. Isabel de la Villa, head of ENAC's Department of health participated in that meeting on behalf of the EA.

Regarding accreditation, the situation within the European Union is varied: countries such as France and Romania require accreditation for medical laboratories of all specialities, others such as Belgium and the Czech Republic require the accreditation of laboratories performing genetics tests while other countries, such as Germany, are expected to demand accreditation.

The assembled expert group, already in their group statement for the scheduled meeting, agree that accreditation is the best tool to ensure, evaluate and control the quality of clinical laboratories.

For this reason a number of activities were identified to promote European genetic laboratory accreditation such as: favouring the training activities for implementing the ISO 15189 standard in laboratories (EuroGentest has been teaching training courses on the ISO 15189 standard across Europe); developing and expanding inter-comparison among laboratories in such a way as to include the largest number of diseases; encouraging collaboration and sample exchanges for various diseases among European laboratories; providing funding, from the European Commission and from the Member States for implementing the ISO 15189 standard in laboratories.

All of this, within the overall aim of achieving the future accreditation of all European genetics laboratories.

*Eucerd (European Union Committee of Experts on Rare Diseases)

Forthcoming events

NATIONAL MEETINGS

MASTER IN METROLOGY

15th and 22nd February, 2013 in Madrid

Representing ENAC: J. Borrego

CONFERENCE ON SENSORY TOOLS FOR HEADS OF THE TASTING PANEL ON REGULATORY BOARDS

5th March, 2013 in Madrid

Representing ENAC: E. Gredilla

5th Spanish Metrology Congress

On the 12th, 13th and 14th of June, the Fifth Spanish Metrology Congress will be held in Madrid featuring a broad participation of businesses and agencies involved in Metrology.

As on previous occasions, ENAC will be present at the discussion tables and talks relating to accreditation in the field of metrology.

INTERNATIONAL MEETINGS

EA LABORATORY COMMITTEE

7th and 8th March, 2013 in Latvia

Representing ENAC: R. Porres

EA INSPECTION COMMITTEE

14th March, 2013 in Belgrade

Representing ENAC: F. Ordeig

EA HORIZONTAL HARMONIZATION COMMITTEE

19th and 20th March, 2013 in Brussels

Representing ENAC: I. Pina

EA INTER-COMPARISONS WORKING GROUP MEETING

20th and 21st March, 2013 in London

Representing ENAC: E. González

EA COMMUNICATIONS AND PUBLICATIONS COMMITTEE

24th and 25th April, 2013 in Bucarest

Representing ENAC: C. Tallés

NEW ACCREDITED BODIES

TESTING LABORATORIES

Environmental testing

LABORATORIOS AGUAS DE TERUEL Y MEDIOAMBIENTE, S.L. - 1007/LE1976

MARÍA YOLANDA PARTAL GARCÍA (N.I.F.: 32.032.873Z) - 1009/LE1971

URBACONSULT, S.A. - 1018/LE1978

Agri-food products

LABORATORIO AGROALIMENTARIO CONTRYCAL, S.L. - 1006/LE1948

ANALIZA CALIDAD MADRID, S.L. - 1013/LE1770

LABORATORIO DE HIGIENE, INSPECCIÓN Y CONTROL DE ALIMENTOS (LHICA) DE LA FACULTAD DE VETERINARIA DE LA UNIVERSIDAD DE SANTIAGO (CAMPUS DE LUGO) - 1014/LE1929

Animal health

LABORATORIO REGIONAL DE SANIDAD Y PRODUCCIÓN ANIMAL DE BADAJOZ - 1004/LE1979

LABORATORIO DE SANIDAD ANIMAL DE ZAFRA - 1005/LE1981

Gas appliances

LABORATORIO OFICIAL J.M. MADARIAGA (LOM) - 22/LE1962

GEYSER-GASTECH, S.A. - 1003/LE1880

Gas volume metre verification

CONSORCIO CENTRO DE LABORATORIOS Y SERVICIOS INDUSTRIALES DE MADRID, S.L. - 47/LE2004

Footwear, footwear components and other leather articles

LABORATORIO DEL SERVICIO DE INSPECCIÓN SOIVRE DE LA DIRECCIÓN PROVINCIAL DE COMERCIO DE ALICANTE - 125/LE1959

Fuels

CEMEX ESPAÑA OPERACIONES, S.L. (Unipersonal) - 154/LE1986

INSTITUTO DE DIAGNOSTICO AMBIENTAL Y ESTUDIOS DEL AGUA (IDAEA). CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC) - 159/LE1977

INSTITUTO DE TECNOLOGÍA QUÍMICA Y MEDIOAMBIENTAL (ITQUIMA) DE LA UNIVERSIDAD DE CASTILLA LA MANCHA - 1012/LE1965

Preimplantation genetic diagnosis

SISTEMAS GENOMICOS, S.L. - 313/LE1957

Composite materials

FUNDACIÓN CENTRO TECNOLÓGICO DE MIRANDA DE EBRO - 772/LE2003

UNIVERSITAT DE GIRONA. AMADE - 1015/LE1997

Acoustics

HCTECH ELECTRONICS ENGINEERING, S.L. - 1001/LE2005

ACUSLAB, S.L. - 1008/LE2009

COLEGIO OFICIAL DE INGENIEROS TÉCNICOS INDUSTRIALES DE ARAGÓN - 1017/LE1789

Geosynthetics

SIVERUNE 104, S.L. - 1002/LE1917

Evaluation of quality of software applications

ALARCOS QUALITY CENTER, S.L. - 1010/LE1984

Precision of measurement transformers

ELECTROTECNICA ARTECHE HERMANOS, S.L. - 1011/LE1993

Noise Impact in Infrastructures

BRÜEL & KJAER IBÉRICA, S.A. - 1016/LE1999

CALIBRATION LABORATORIES

COPB LABORATORIO DE CONTROL, S.L. - 43/LC10.157

LABMETRO SERVICIOS DE METROLOGIA, S.L. - 106/LC10.153

LABORATORIO DE RADIOFÍSICA DE LA UNIVERSIDAD DE SANTIAGO DE COMPOSTELA - 207/LC10.152

MICROTEST, S.A. - 208/LC10.154

MACCORMACK CALIBRACION, S.L. - 206/LC10.151

A1 SERVICIOS INTEGRALES PARA LA INDUSTRIA E INSTALACIONES, S.L. (Unipersonal) - 209/LC10.160

INSPECTION BODIES

Environmental Inspection

ADIRONDACK, S.L. - 197/EI477

CLAVEGUERAM DE BARCELONA, S.A. (CLABSA) - 268/EI458

Industrial

ASTROM TECHNICAL ADVISORS, S.L. - 267/EI457

Technical Service for Vehicle Reform

TÜV RHEINLAND IBERICA, S.A. - 269/EI468

Road Vehicle Inspection

ITV CERCEDA, S.L. - 61/EI/ITV075

COMBUSTIBLES GALLARDO, S.L. - 62/EI/ITV077

INSPECCIÓN TÉCNICA DE VEHICULOS MÓSTOLES, S.L. - 63/EI/ITV073

PRODUCT CERTIFICATION

Research, Technology and Innovation Projects

SGS ICS IBERICA, S.A. (Unipersonal) - 10/C-PR249

Graphic arts

AGENCIA EUROPEA DE NORMALIZACIÓN GRÁFICA, S.L. (AENGRAF) - 105/C-PR243

Alarm systems, intrusion and robbery

ALTER TECHNOLOGY TÜV NORD, S.A. (Unipersonal)- 107/C-PR261

Agri-food products

CONSORCI D´INSPECCIÓ I CONTROL - 104/C-PR201

FUNDACIÓN JEREZ CONTROL Y CERTIFICACIÓN - 106/C-PR264

CONSEJO REGULADOR DE LA I.G.P. TERNERA DE EXTREMADURA - 109/C-PR188

MANAGEMENT SYSTEMS

Occupational Health and Safety Assessment Series

AUDITORES DEL NOROESTE 2000, S.L. - 38/C-SG054

Management Systems Certification for medical products

AGENCIA ESPAÑOLA DE MEDICAMENTOS Y PRODUCTOS SANITARIOS (AEMPS) - 39/C-SG055

CONTROL BODIES

Mining

ECA, ENTIDAD COLABORADORA DE LA ADMINISTRACIÓN, S.A. (Unipersonal) - OC-I/264

SGS INSPECCIONES REGLAMENTARIAS, S.A. - OC-I/270

Legal Metrology

INGENIERIA DE GESTION INDUSTRIAL, S.L.(Unipersonal) (INGEIN) - OC-I/278

COPB LABORATORIO DE CONTROL, S.L. - OC-I/261

ITV CERCEDA, S.L. - OC-I/273

COMBUSTIBLES GALLARDO, S.L. - OC-I/284

INSPECCIÓN TÉCNICA DE VEHICULOS MÓSTOLES, S.L. - OC-I/266

COPB LABORATORIO DE CONTROL, S.L. - OC-I/260

Industrial safety facilities regulation

KOLDO LÓPEZ MADINABEITIA (N.I.F.: 44.675.478W) - OC-I/287

AUDING CONTROL Y VERIFICACIÓN, S.L. - OC-I/272

CONTROL E INSPECCIÓN REGLAMENTARIA, S.L. - OC-I/269

GOOD LABORATORY PRACTICE

Studies of herbal health products

SICOP, S.L. - 36/BPL051