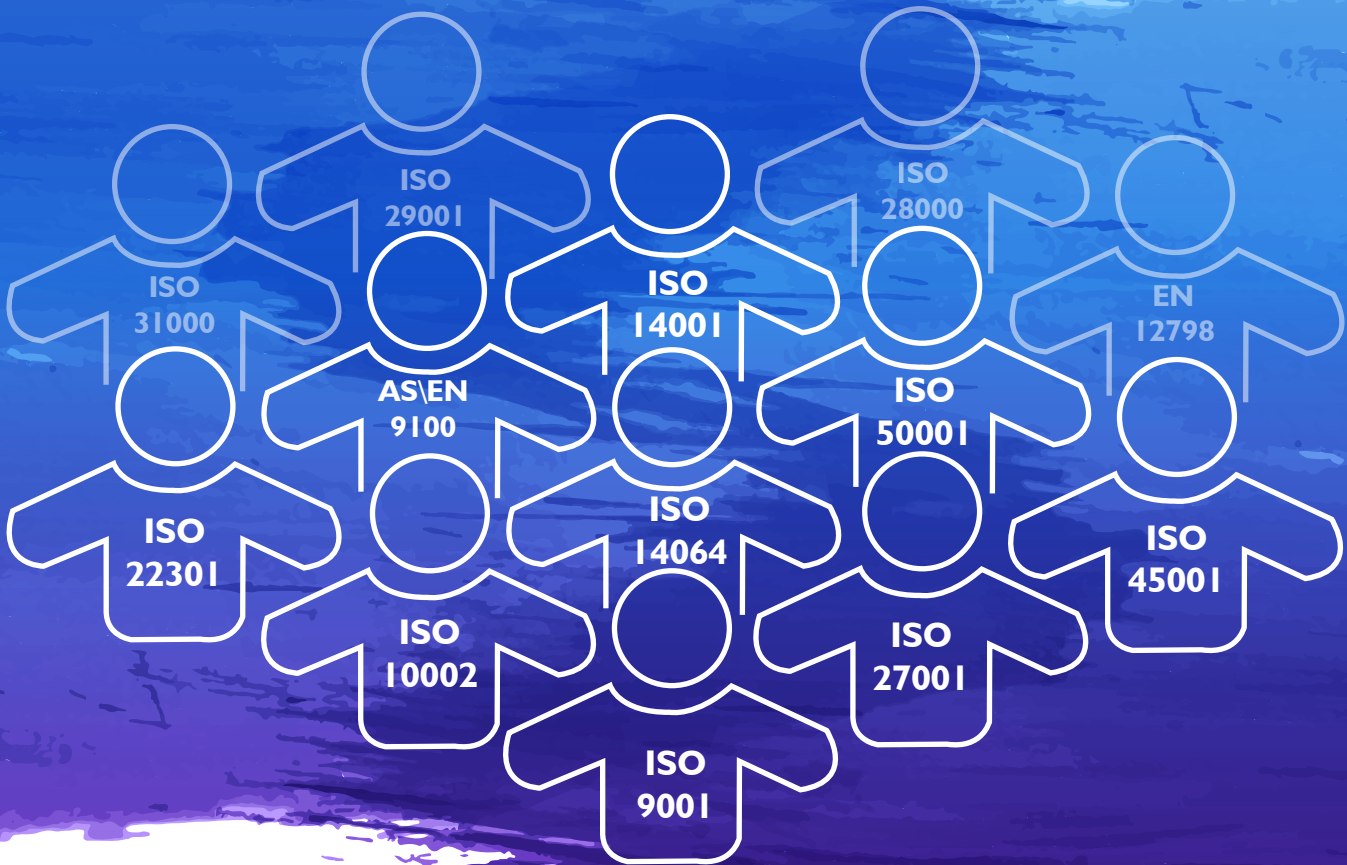




TÜRK LOYDU



SYSTEM CERTIFICATION SERVICES



TÜRK LOYDU

System Certification Services



Our Common Goal Our Common Future

The foundations of Türk Loydu were established in 1962 by the most important organizations of Turkey with a mission to implement the technical progress in the marine and industrial sectors in Turkey. Today, Türk Loydu which was founded by the TMMOB Chamber of Naval Architects and Marine Engineers with the participation of many esteemed stakeholders such as 'Union Insurance and Reinsurance Companies of Turkey', 'Union of Chambers and Commodity Exchanges of Turkey (TOBB)', 'Chamber of Shipping', 'Istanbul Chamber of Industry', 'Union of Chambers of Engineers and Architects of Turkey', 'Turkish Ship-owners' Association', and 'Turkish Shipbuilders' Association' is an internationally recognized organization that renders service in the field of 'Classification and Conformity Assessment' globally. Türk Loydu plays a fundamental role in shaping the future in the sector by following the developments in the world in the marine and industrial sectors starting from the phase of setting the rules and standards and constantly informing its stakeholder sectors.

ISO 9001 Quality Management System Certification

ISO 9001 is a standard determining the requirements of the quality management system. Quality management system is one of the methods of defining how a organization could meet the requirements of its customers and other stakeholders affected by its activities.

ISO 9001 standard is based on numerous quality management principles including a strong customer orientation, motivation and participation of the top management, process approach and continuous improvement.

Target Field of the Certification

- All organizations targeting at development
- The organizations operating in the fields where certification is compulsory in accordance with legal legislation
- The organizations receiving license within the scope of the "License Regulation of Energy Market Regulatory Authority (EMRA) of Republic of Turkey"
- The organizations operating in Authorized Economic Operator Status
- The organizations within the scope of the Regulation of Permission for Shipyard Operation

Advantages of the Certification

- Providing sustainable quality assurance
- Providing customer and employee satisfaction
- Increasing efficiency and effectiveness and decreasing costs
- Meeting the legal and regulatory requirements
- Opportunity to get into new and global markets with competitive structure
- Involving all stakeholders in the process of management
- Being in harmony with the other management systems and of main roof nature

Requirements for the Certification Bodies

The certification bodies are required to be accredited by Turkish Accreditation Agency (TÜRKAK) within ISO 9001 standard within the scope of the activity of the organization to be certificated in accordance with ISO/IEC 17021-1 standard.

Authorizations of Türk Loydu

Türk Loydu is the first certification body accredited by the Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 standard within the scope of certification of the management systems.



AS/EN 9100 Aviation, Space, Defense Quality Management System Certification

In order to offer safe and reliable products/services and provide customer satisfaction, the aviation, space and defense Organizations should meet the customer requests, provide the legal requirements and continuously improve the processes. Globalization of the industry and diversity of the regional, national and international requirements and expectations resulting therefrom render this target further complex. The Organizations confront difficulty of purchasing products and services from external suppliers in any place of the world and at all levels of the supply chain. External suppliers have difficulty with offering products and services to several customers with changing quality requirements and expectations.

International Aerospace Quality Group (IAQG) has been established with the aviation, space and defense companies in America, Asia/Pacific and Europe together with the representatives and the expectations are standardized certification of the Organizations is provided.

Target Field of the Certification

- Organizations providing products and services to the aviation, space and defense industries
- Organizations that want to understand, develop and apply the quality management system
- Organizations that want to audit the quality management system
- Organizations that want to increase customer satisfaction
- Organizations that want to develop in external supply process

Advantages of the Certification

- Being a preferable organization
- Having minimized the defects in the products and services
- Improving the quality, cost and delivery performance
- Having advanced measurement and production capability
- Providing continuous development
- Taking the international business opportunities

Requirements for the Certification Bodies

The certification bodies are required to be accredited in accordance with ISO/IEC 17021-1 standard and be a member of International Aerospace Quality Group (IAQG)-Online Aerospace Supplier Information System (OASIS).

Authorizations of Türk Loydu

Türk Loydu is registered to the International Aviation and Space Quality Group (IAQG) - Online Aviation Supplier Information System (OASIS) and is the first certification body accredited by the Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 standard, with AB-001-YS no within the scope of certification of the management systems.

ISO 50001 Energy Management System Certification

Energy Management is a disciplined work structured and organized for efficient use of energy without sacrificing production quantity, product quality, safety or any environmental condition. ISO 50001 Energy Management System standard defines the rules on the requirements for continuous improvement in more effective, more sustainable energy consumption form regardless of the energy type.

ISO 50001 determines the systems and procedures for an effective energy management based on decreasing energy costs and greenhouse gas emissions and assists with establishment of a management systematic.

Target Field of the Certification

- The organizations of any type and size regardless of the geographical, cultural and social conditions
- The organizations making application within the scope of supporting efficiency increasing projects in industrial enterprises
- The organizations targeting at decreasing greenhouse gas emissions
- The organizations detailed in the Regulation on Increasing Energy Resources and Energy Use
- The organizations to be involved in efficiency increasing projects (VAP)

Advantages of the Certification

- Contributing to a sustainable and habitable environment
- Fulfilling the legal and regulatory requirements
- Saving natural resources use
- Saving energy use
- Reinforcing the power of competition and decreasing the weak aspects in terms of fluctuation in energy prices and energy existence
- Creating awareness and commitment with respect to energy (consumption, use, renewable resources)
- Opportunity to compare to the past period performance
- Reduction in greenhouse gas emissions
- Contributing to the corporate image through environmental awareness
- Responding the customer expectations as a organization sensitive toward the environment

Requirements for the Certification Bodies

The certification bodies are required to be accredited according to ISO 50001 standard by Turkish Accreditation Agency (TÜRKAK) within the scope of the activity of the organization to be certificated in accordance with ISO/IEC 17021-1 and ISO 50003 standards.

Authorizations of Türk Loydu

Türk Loydu is the first certification body accredited by the Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 standard, with AB-0001-YS no within the scope of certification of the management systems.

ISO 45001 Occupational Health and Safety Management System Certification

Each organization is increasingly interested in having a good level of occupational health and safety (OHS) performance and showing this, by controlling the OHS risks in line with OHS policies and targets. The organizations do this in the context of legal legislation getting increasingly stricter, development of economic policies and other measures encouraging the good OHS practices and against the increasing concerns expressed by the parties interested in OHS issues. ISO 45001 is an Occupational Health and Safety Management System standard created to meet this requirement.

Target Field of the Certification

- Organizations of any type and size and in any sector
- The organizations operating in the areas where certification is mandatory in accordance with the legal legislation
- The organizations within the scope of the “Regulation on Shipyard, Boat Manufacturing and Boat Dock”



Requirements for the Certification Bodies

The certification bodies are required to be accredited according to ISO 45001 standard by Turkish Accreditation Agency (TÜRKAK) within the scope of the activity of the organization to be certificated in accordance with ISO/IEC 17021-1 standard.

Authorizations of Türk Loydu

Türk Loydu is the first certification body accredited by the Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 standard, with AB-0001-YS no. within the scope of certification of the management systems.

Advantages of the Certification

- Creating awareness of occupational safety within the society and corporation
- Providing a healthy and safe working environment for the employees
- Mitigating the risks that the employees could be exposed to
- Increasing the work efficiency and performance of the employees
- Creating an image of organization sensitive and responsible toward other Organizations or customers
- Meeting the legal and regulatory requirements and not confronting legal sanctions (fines) thanks to this
- Being prepared for emergencies

ISO 27001 Information Security Management System Certification

ISO 27001 Information Security Management System (ISMS) refers to the requirements for performing security controls customized according to the needs of the independent bodies or parties. The information security management system standard is a standard designed for providing sufficient and proportionate security controls which protect the information assets and give confidence to the concerned parties.

Target Field of the Certification

- All organizations from production to service, from public to private sector
- The organizations operating in the sectors where an information security management system is a requirement including finance, health, public, energy, import, export and information technologies
- The organizations covered in the scope of the "Law of Protection of Personal Data"
- The organizations operating in the areas where certification is mandatory in accordance with the legal legislation
- The organizations receiving license within the scope of the "License Regulation of Energy Market Regulatory Authority (EMRA) of Republic of Turkey"
- The organizations operating in the "Authorized Economic Operator Status"

Advantages of the Certification

- Providing awareness with respect to information assets
- Providing security of the organization
- Protecting, reacquiring information, competence to continue work in emergencies
- Protecting information assets, protecting from threats and providing business continuity
- Fulfilling the legal and regulatory requirements
- Determining the risks, providing awareness and providing measure taking

Requirements for the Certification Bodies

The certification bodies are required to be accredited within ISO 27001 standard by Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 and ISO/IEC ISO 27006 standards.

Authorizations of Türk Loydu

Türk Loydu is the first certification body accredited by the Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 standard, with AB-0001-YS no. within the scope of certification of the management systems.

ISO 14001 Environmental Management System Certification

ISO 14001 Environmental Management System is a whole of planned activities related to developing, implementing and achieving an environment policy within the organization for a cleaner and more habitable environment that could be legated to future generations. ISO 14001 Environmental Management System requires determining and assessing the environmental impacts of activities, products and services, controlling the relevant impacts and performing pollution preventive activities. It is the most preferable environmental management system standard of the world.

Target Field of the Certification

- The organizations of any type, size and sector
- The organizations operating in the areas where certification is mandatory in accordance with the legal legislation
- The organizations within the scope of the "Regulation on Shipyard, Boat Manufacturing and Boat Dock "

Advantages of the Certification

- A sustainable and habitable environment
- Meeting the legal and regulatory requirements and not confronting legal sanctions (environment fines) thanks to this
- Decreasing the costs through waste reduction and efficiency increase
- Saving natural resources and energy use
- Contributing to corporate image through environmental awareness
- Opportunity to get into new markets
- Responding the customer expectations
- Being prepared for emergencies

Requirements for the Certification Bodies

The certification bodies are required to be accredited by Turkish Accreditation Agency (TÜRKAK) within the scope of the activity of the organization to be certificated in accordance with ISO/IEC 17021-1 standard.

Authorizations of Türk Loydu

Türk Loydu is the first certification body accredited by the Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 standard, with AB-0001-YS no. within the scope of certification of the management systems.



Greenhouse Gas Emission Verification

It is necessary to monitor, report and verify at facility level the greenhouse gas emissions arising from the activities included in APPENDIX-I list which emissions constitute a significant portion of the national greenhouse gas emissions within the scope of the “Regulation on Tracking the Greenhouse Gas Emissions” which was put into force being published in the Official Gazette dated 25th April 2012 and numbered 28274. The annual emission reports of the monitoring period following approval of the monitoring plans by the Ministry of Environment, Urbanization and Climate Change of Republic of Turkey are required to be verified by the verification bodies authorized by the ministry.

Target Field of the Certification

The Organizations operating in the fields where certification is mandatory in accordance with the legal legislation:

- Energy sector
- Iron and steel sector
- Mineral industry (facilities such as cement, lime, brick, glass, ceramic, production facility etc.)
- Cardboard, paper sector
- Chemistry sector

Advantages of the Verification

- Conformity with the Legislation
- Sustainability
- Transparency
- Reliability

Requirements for the Verification Bodies

The verification bodies are required to be accredited by Turkish Accreditation Agency (TÜRKAK) within the scope of the activity of the organization to be verified according to the ISO/IEC 17029 standard.

Authorizations of Türk Loydu

Türk Loydu is a verification body accredited by the Turkish Accreditation Agency (TÜRKAK) in accordance with the ISO/IEC 17029 standard within the scope of the verification of greenhouse gas emission reports.

Greenhouse Gas Emission Verification (within the scope of ISO 14064)

Emission notifications with respect to greenhouse gases in the market both mandatory and voluntary which are a significant step within the scope of struggling against climatic change increase speedily in recent years. Emission Inventory Verification within the scope of ISO 14064 has started to be a significant criterion for investment/collaboration decisions of international Organizations.

Türk Loydu provides service of verification for verification of the greenhouse gas emissions offered on voluntary basis within the scope of ISO 14064-1 Guide on Calculation and Reporting the Greenhouse Gas Emissions and Removals at Incorporation Level.

Target Field of the Certification

This service of certification completely based on voluntariness covers all national and international institutions and organizations including public institutions and private sector which

- Assume responsibility toward climatic change
- Target at sustainable production
- Having the consciousness of effective use of natural resources and enabling the future generations to benefit from those resources.

Requirements for the Verification Bodies

The verification bodies are required to operate in the field of verification of greenhouse gas emission reports.

Authorizations of Türk Loydu

Türk Loydu has been authorized by the Ministry of Environment, Urbanization and Climate Change of Republic of Turkey as "Verification Body" for verification of the greenhouse gas emission reports. Türk Loydu carries on verification works in voluntary field within the scope of ISO 14064 in the capacity of Verification Body.

Advantages of the Verification

- Sensitivity toward climatic change
- Sustainability
- Reliability
- Creating difference in competition
- Transparency among stakeholders

Sensitivity toward climatic change

- Sustainability
- Reliability
- Creating difference in competition
- Transparency among stakeholders

ISO 10002 Customer Satisfaction Management System Certification

ISO 10002 Customer Satisfaction Management System aims at designing, planning and implementing effectively and efficiently the process of handling the customer complaints in organizations aiming at providing service beyond customer expectations independent of a product and service type. A good complaint management system prevents the nonconformities of the organization and consequently the repetition of complaints and offers effective solution opportunities and measures the success of the solution opportunities offered and develops the awareness and competence of its personnel while doing this. The system could be applied and certificated as integrated with ISO 9001 or alone.

Target Field of the Certification

- The organizations of any type, size and sector
- The organizations overrating customer satisfaction
- The organizations that want to increase their brand value
- The organizations that want to overtop in competition

Advantages of the Certification

- Diminishing customer complaints
- Increasing customer satisfaction
- Decrease of marketing costs through customer loyalty
- Continuous improvement
- Increase of corporate prestige



ISO 22301 Business Continuity Management System Certification

It is necessary to apply a Business Continuity Management System in order to minimize the effect of any catastrophe on the enterprise and to continue to offer the necessary services to the customers. ISO 22301 is the best internationally recognized application standard for the Business Continuity Management Systems and it is the best way of making sure that the systems are ready to recover from any destructive incident.

ISO 22301 Business Continuity Management System Standard is a management system standard taking risk approach as basis for creating, implementing, monitoring, reviewing, providing continuity of and improving business continuity.

Target Field of the Certification

- The requirements specified in ISO 22301 are generic and may be applied to all Organizations regardless of the type, size and nature of the organization.



Advantages of the Certification

- Determining and managing the actual and potential threats to the activities
- Development crisis management techniques and providing sustaining the services without any malfunction during crises
- Assisting with definition of acceptable time schedules to revoke to business activities after crises and enabling the stakeholders to know which service level they could expect after any interruption
- Providing a systematic approach to enable the Organizations to provide business continuity, protection of its effectiveness through regular risk assessments and audits
- Supporting all business continuity practices and increasing the degree of customer confidence and satisfaction,
- Evidencing its commitment to sustain perfect service even during interruptions and increasing prestige toward your customers.

Requirements for the Certification Bodies

The certification bodies are required to have auditor staff competent in ISO 22301.

Second Party Audits –Supply Chain Audit Services

The more complex gets the supply chains, the more the organizations need to know that their supply chains are safe and sustainable in order to protect the brand prestige of their organizations and to decrease the confidence of their customers toward their products and services.

The second party audits is performance of the independent audit and assessment activities of the suppliers having effect on the product and service quality of the organizations and on their environment and occupational health and safety performances by auditors competent and certificated in accordance with any standard, specification or valid regulations defined by the customers or the organizations. Türk Loydu performs second party audits for product and service sector with its competent auditor staff.

Target Field of the Audits

- The organizations managing the supply chain
- The organizations targeting at participating in the supply chain
- The organizations working on dealership/franchising system
- The organizations operating on membership

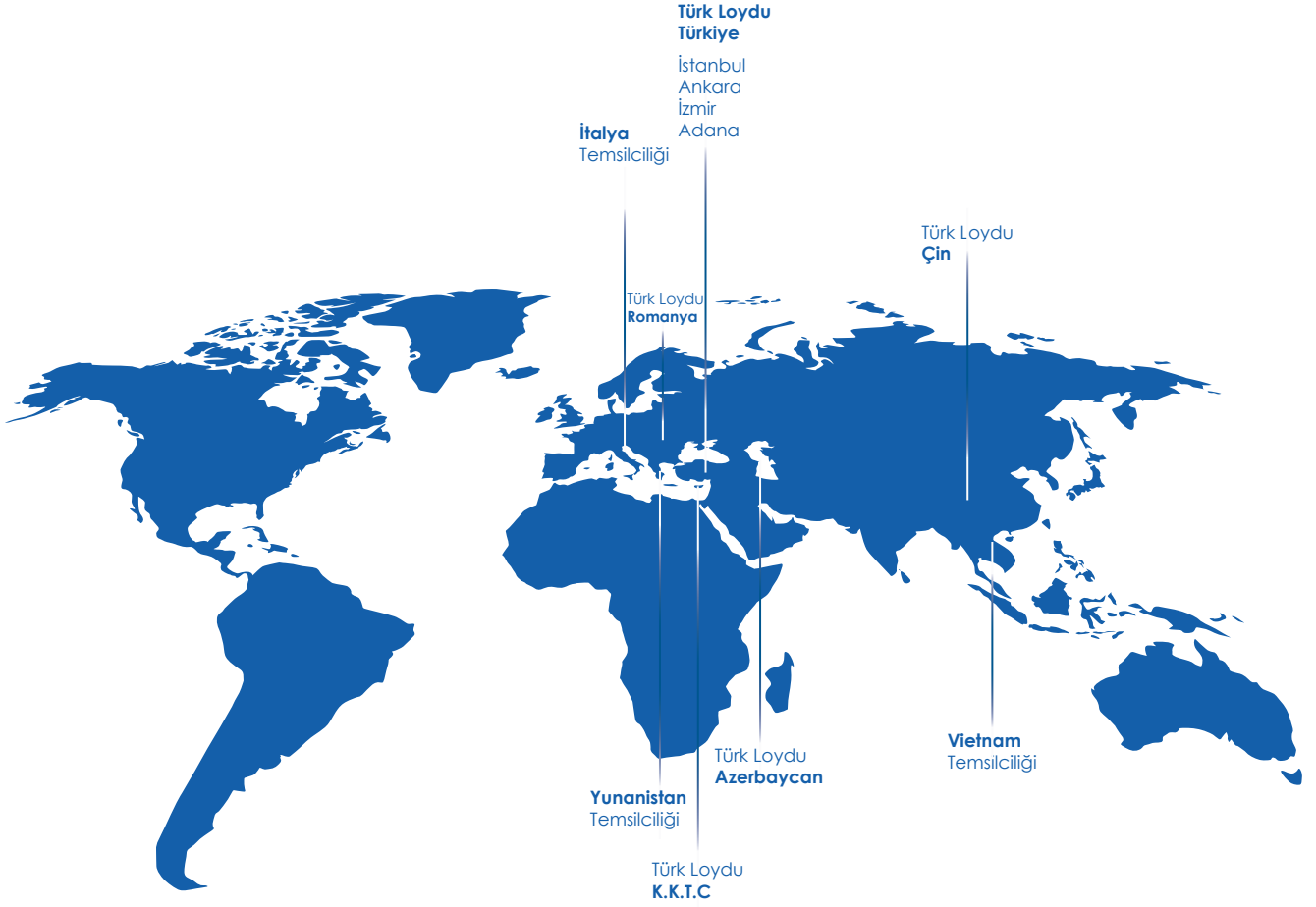
Authorizations of Türk Loydu

Türk Loydu is accredited by Turkish Accreditation Agency (TÜRKAK) in accordance with ISO/IEC 17021-1 standard within the scope of management systems certification which is the basis for second party audits.

Advantages of the Audits

- Having sustainable quality assurance, dealer and customer relations
- Opportunity to provide product/service conforming to the corporate expectations of the suppliers
- Mitigating the risks of supply chain and decreasing the audit costs
- Decreasing the internal control costs by increasing the effectiveness of the audit
- Gaining a competitive structure
- Determining the risks and providing taking measures





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