SPEC Society of Pro. Engineers Certification

ISO certification

Perform various kinds of ISO management system certification

Training

Develop and provide training courses for the management system

Sustainable Management

Pursue the value of sustainability, effectiveness and efficiency of management through risk-based thinking

기술사인증원

22nd anniversary
since **1998**

More than certification

SPEC, Certification Body for Sustainable Development, is with you.

INDEX

Thank you for your interest in SPEC.
Welcome to SPEC.

We will be a successful business partner as a certification body for sustainable management.

SPEC CEO
YeunSung Kim

22 years of trust

The 20th anniversary of the spec means trust.

The certification of the ISO management system with the SPEC will go beyond the purpose of certification itself and become the cornerstone of sustainable management.

SPEC is a KAB accredited certification body founded in 1998 with a focus on Professional Engineers under the National Qualifications Act.

We pursue the value of sustainability, effectiveness, and efficiency of management through risk -based thinking by conducting certification for Quality management systems (ISO 9001), Environmental management systems (ISO 14001), Occupational Health and Safety management systems (ISO 45001), Food safety management systems (ISO 22000), Anti-bribery management systems (ISO 37001) and Management system for educational organizations(ISO21001).
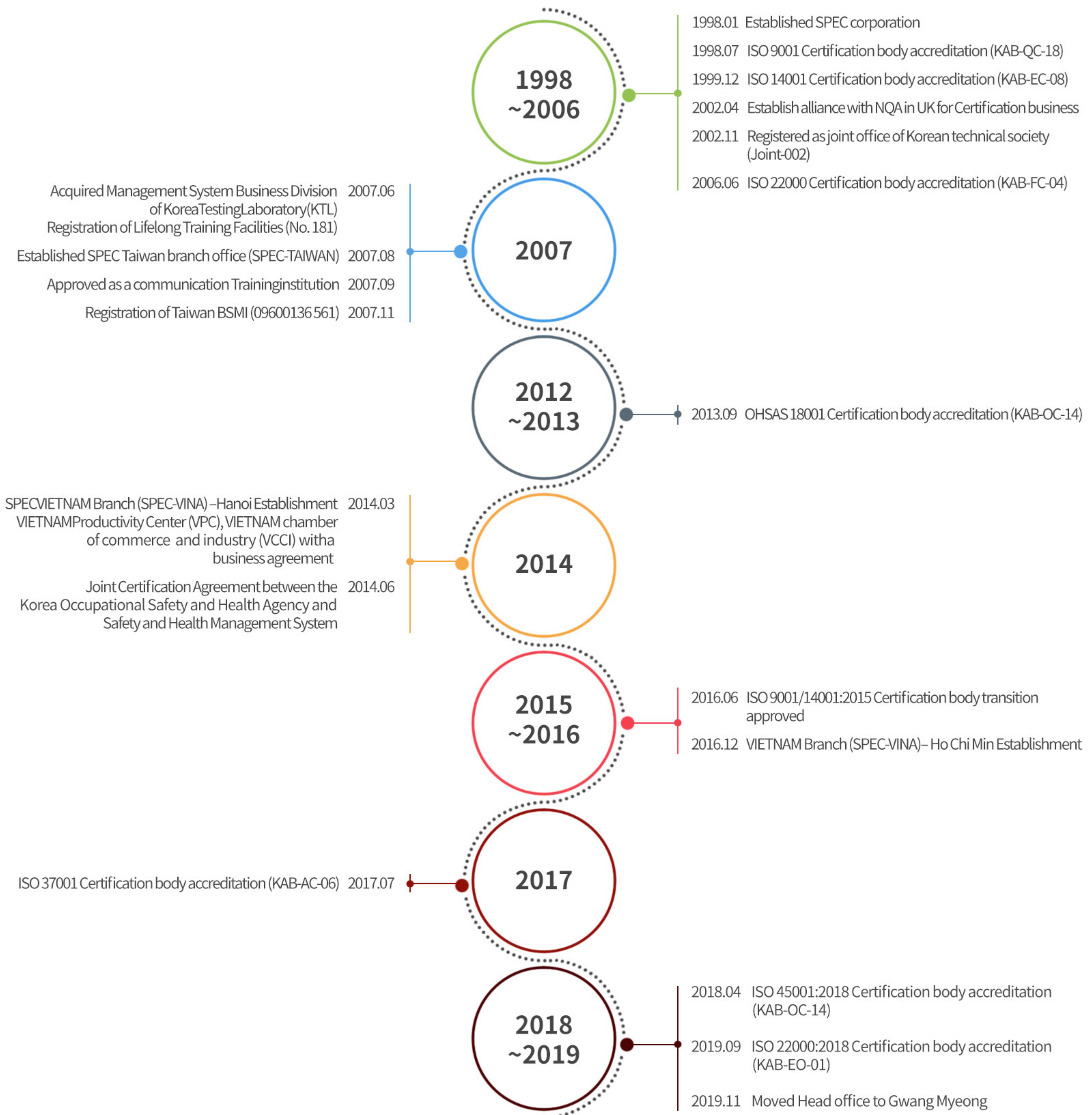
Beyond Korea to Asia

Established in 2014, SPEC VINA is helping to establish a management system for Korean companies in Hanoi and Ho Chi Minh City, Vietnam. Korean resident staff and Vietnamese auditors who can speak Korean are making efforts to provide smooth service.

SPEC will lead the systemization of management. The time to measure success based on the capabilities of a specific person has passed. The objective of the ISO management system is not to certify, but to clarify responsibilities through systematization and to ensure that processes and results are evaluated transparently. To this end, e-ISO website (www.eiso.co.kr) is operated so that information and information can be distributed continuously for 24 hours. The SPEC, an accredited training institution of EXEMPLAR GLOBAL, will lead the development of advanced management systems through the training of competent international certification auditors and internal auditor training.

Corporate social responsibility grows. In order to achieve economic prosperity, environmental protection and social justice of customers, SPEC will become a trustworthy management system certification body and training institution. Thank you.

SPEC History

1998 ~2006

1998.01   Established SPEC corporation

1998.07   ISO 9001 Certification body accreditation (KAB-QC-18)

1999.12   ISO 14001 Certification body accreditation (KAB-EC-08)

2002.04   Establish alliance with NQA in UK for Certification business

2002.11   Registered as joint office of Korean technical society (Joint-002)

2006.06   ISO 22000 Certification body accreditation (KAB-FC-04)

2007

2007.06   Acquired Management System Business Division of Korea Testing Laboratory (KTL) Registration of Lifelong Training Facilities (No. 181)

2007.08   Established SPEC Taiwan branch office (SPEC-TAIWAN)

2007.09   Approved as a communication Training institution

2007.11   Registration of Taiwan BSMI (09600136 561)

2012 ~2013

2013.09   OHSAS 18001 Certification body accreditation (KAB-OC-14)

2014

2014.03   SPEC VIETNAM Branch (SPEC-VINA) – Hanoi Establishment VIETNAM Productivity Center (VPC), VIETNAM chamber of commerce and industry (VCCI) with a business agreement

2014.06   Joint Certification Agreement between the Korea Occupational Safety and Health Agency and Safety and Health Management System

2015 ~2016

2016.06   ISO 9001/14001:2015 Certification body transition approved

2016.12   VIETNAM Branch (SPEC-VINA) – Ho Chi Min Establishment

2017

2017.07   ISO 37001 Certification body accreditation (KAB-AC-06)

2018 ~2019

2018.04   ISO 45001:2018 Certification body accreditation (KAB-OC-14)

2019.09   ISO 22000:2018 Certification body accreditation (KAB-EO-01)

2019.11   Moved Head office to Gwang Myeong

Advantages of obtaining ISO certification

ISO certification is an international standard for management systems as defined by the International Organization for Standardization (ISO), It is a system that certifies that the company's system meets the requirements and operates effectively.

ISO is an organization established to facilitate international exchange of goods and services and to promote standardization and related activities in terms of cooperative development in the fields of knowledge, science, technology and economic activity.

ISO certification is also helpful when you need to ask for a start-up fund from a commercial bank, the Small& Medium Business Corporation, Korea Technology Finance Corporation, the Trust Guarantee funds. In addition, ISO 9001 (Quality Management System) certification and ISO 14001 (Environment Management System) are additional points.

In the introduction stage, if you have been in business for more than 3 years after establishing a company, and you want to receive a management innovation SME (main biz certification), a technology innovation SME (Innobiz certification), etc, if you have a basic ISO certification, it will be added to the certification evaluation. For this reason, many companies maintain ISO certification through a follow-up surveillance audit every year after obtaining initial ISO certification.

In the maturity stage, there is a lot of government support available to companies with ISO certification, so ISO certified companies are given additional points in the assessment of the designation of excellent procurement. Eco-friendly points are granted to ISO 14001-certified companies. In the case of the Export-Import Bank of Korea, ISO-certified companies have benefits such as granting additional points when applying for special credit loans.

Use as a tool for Continuous improvement and performance measurement of organizational performance

Construct optimal system to meet customers' needs
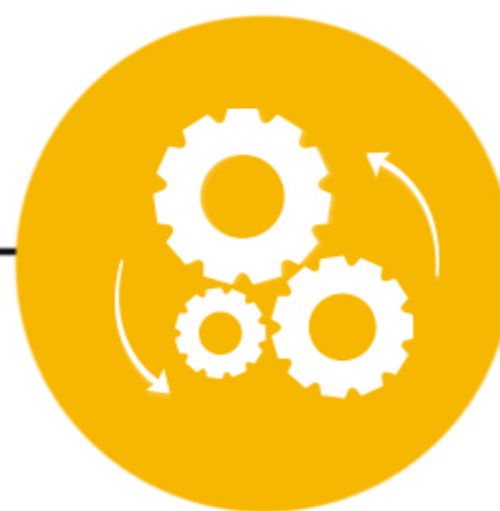
Demonstrate organizational commitment

Demonstrate effectiveness of standards

Proactively respond to the trend of internationalization of management system

Establishment of management system

Representative cases of how ISO benefits business

Gerfor is a Columbian multinational company serving the plastics and synthetic fibres sector of the petrochemical industry. Gerfor achieves savings of over 5 million dollars annually, with the use of 200 technical standards and ISO management systems.

Nanotron Technologies, a German information and communications technology company, achieved 14 % cost savings and 19 % increase in sales revenue by using standards, equivalent to almost 33 % of overall annual sales revenue.

The Lincoln Electric Company of Canada, a large multinational employing over 10,000 staff, has a Welding wire and manufacturing plant in Toronto, Ontario. Accredited certification enabled the company to saving 22% of its annual energy costs in 2013.

IBM has a global EMS, which is underpinned by ISO 14001. Between 1990 and 2014, IBM's conservation efforts avoided 6.8 million MWh of energy consumption and an associated 4.2 million metric tonnes of CO_2 emissions. During 2014, IBM achieved energy conservation savings equal to 6.7 % of its total energy use.

Italy's Workers' Compensation Authority, INAIL, the national governmental institute for insurance against accidents at work, offers businesses up to 28% on the cost of insurance premiums for businesses who hold accredited certification to the Health and Safety management systems standard, OHSAS 18001.

Detailed information on certification standards

1. ISO 9001 certification system?

This is a standard on Quality Management established by the International Organization for Standardization (ISO), which is a requirement to be recognized internationally that an organization has the ability to meet requirements. It is a system that pursues long-term growth and development of the organization by securing a competitive advantage through overall quality improvement of the entire company, improving customer satisfaction and enhancing organizational competitiveness.

◆Necessity
- Active and efficient preparation for changes in the domestic and overseas environment
- Respond to customer certification requirements
- Establish reasonable and efficient management system
- Enhancement of management system improvement
- Increase Productivity
- Expansion into international and domestic markets
- Prepare for Manufacturer's Liability (PL) Scheme

◆Expectation effect
- Increase of company's sales and profits through technology accumulation and cost reduction
- Improve the company's good image and improve trust through objective verification of management system
- Enhancing corporate competitiveness by improving management
- Respond promptly to changes in external environment through internationalization of management system
- Satisfaction of customers through defect prevention, wasteful removal and continuous improvement

2. ISO 14001 certification system?

ISO 14001 provides objective certification by evaluating the overall environmental management system of business activities, as opposed to the existing international environmental regulations, and evaluates how the company conducts comprehensive environmental management, including environmental policies, implementation and operation, inspection and corrective actions, management reviews, and continuous improvement, beyond simply compliance with the applicable environmental laws or regulations.

◆Necessity
- Establishment of Environmental Management System in preparation for WTO / GREEN ROUND
- Enhancing competitiveness for the hegemony of environmental technology (overcoming non-tariff barriers)
- Environmental management system certification required for export to developed countries
- Increasing pressure from consumers who demand environmental performance and information
- Material and Energy saving
- Trends of strengthening domestic and foreign Environmental Regulations
- Reduce environmental risks

◆Expectation effect
- Raw materials and energy savings
- Enhancing corporate competitiveness by improving environmental performance and reducing costs
- Establish EMS standards (continued achievement of environmental laws and regulations)
- Enterprise system integration
- Improved quick response capability in case of emergency
- Enhancing trust with stakeholders (Enhancing environmentally friendly corporate image)
- Improving reverse correlation of corporate productivity and environmental burden

3 . ISO 45001 certification system?

The Occupational Health and Safety Management System involves all employees and stakeholders in order to prevent industrial accidents and create a pleasant working environment. The health and safety management system establishes goals for maintaining and improving the safety and health of employees, and defines the organization, responsibilities and procedures for identifying and managing risk factors inherent in the organization's activities. It makes organization effectively allocate physical and human resources within an organization and manages them systematically.

◆Necessity
- Globalization of companies: Motivation for building safety and health management system
- Safety as an extension of business processes
- Response to various laws and regulations
- Response to various lawsuits against industrial accidents
- Measurement and monitoring for continuous improvement
- the duties of entrepreneurs
- Global Public Relations
- Responsibility for stakeholder groups (NGOs)

◆Expectation effect
- Reduce accident rate by managing and preventing risks in the workplace
- Reduce insurance premiums by establishing a reliable Occupational Health and Safety Management System
- Productivity improvement by improving health and safety risks for workers
- Easy to build integrated system with ISO 9001, ISO 14001
- Easy to enter overseas market by eliminating trade barriers in the safety sector by complying with the standards required
- Certified Occupational Health and Safety Management System capable of mutual recognition agreement

*As the Occupational Health and Safety Management System has been adopted as the international standard (ISO 45001), the existing OHSAS 18001(K-OHSMS 18001) will no longer be valid after the migration period (`18.3.12~`21.3.11). Therefore, OHSAS 18001 certified companies must migrate their certification to ISO 45001. SPEC offers optimal certification services to help you migrate quickly and smoothly.

*Joint certification of K-OHSMS 18001 and KOSHA 18001 In addition, SPEC has concluded into a joint certification agreement with the Korea Occupational Safety & Health Agency in the field of Occupational Health and Safety Management System in order to enhance the convenience of the workplace. We jointly issue certificates of both institutions together.

4. ISO 22000 certification system?

ISO 22000 is an international standard that can be applied by all stakeholders in the food supply chain. It defines the principles of mutual communication, system management, Pre-Requisite Programs (PRPs) and HACCP, and is key elements to ensure food safety throughout the food supply chain. Based on the ISO 9001 Quality Management System, ISO 22000 includes all 7 principles and 12 procedures of HACCP. By integrating these two systems, organizations can achieve their goals of ensuring food safety and continually improving performance. ISO 22000 Food Safety Management System is an autonomous food safety management system that proactively prevents and manages food hazards that may arise at workplaces. Through the implementation of such food safety management systems, companies can meet the legal and consumer expectations and secure competitiveness for the continued growth of their organizations.

◆Necessity

Securing food safety emerged as an essential achievement for food-related organizations as a result of the recent emphasis on customer demand for food safety, and the introduction of a management system for food manufacturing and management has been widespread. Producers and suppliers in the food supply chain can be managed with food safety standards such as British Retail Consortium(BRC), EUREPGAP, and Good Manufacturing Practices (GMP) for HACCP food and food packaging, and ISO 22000, a Management System for food function and quality control.

◆Expectation effect
- Establishment of Systematic Hygiene Management System
- Production of food that is hygienic and safe.
- Maximize the efficiency of Hygiene Management System
- Improve company image and improve reliability
- Promoting economic benefits by reducing product defect rate, consumer complaints, returns, and waste

5. ISO 37001 certification system?

The Anti-bribery Management System prevents increased business, product costs, and reduced service trust caused by corruption, and establishes a integrity, transparency, openness and compliance culture through this system. It is applicable to all organizations, from public institutions to private companies. The Anti-bribery Management System is a system that pursues the integrity of the organization and the voice of customers by achieving anti-corruption goals and policies through analyzing and managing corruption risks.

◆Necessity
- Strengthening policy on bribery and corruption
  The importance of Anti-Bribery efforts has been emphasized since the enactment of the Act on prohibition of Anti-Bribery and graft act(Kim Young-Ran Act).
- Proof of the organization's anti- bribery efforts
  Business owners can be exempted if they prove their efforts to prevent corruption according to Article 24 of the anti-graft law
- international trust
  Meet the needs of domestic and international partners through the equal and rigorous ISO 37001 standard in the international community

◆Expectation effect
- Reduced risk of violations of domestic and foreign regulations related to bribery and corruption
- Increase customer confidence by securing integrity
- Improve partnership with domestic and overseas partners
- Satisfy Anti-bribery System that is important in various bids of public institutions
- Prevention of legal violation costs through continuous monitoring and performance evaluation

6. ISO 21001 certification system?

ISO 21001 is an international standard developed by the ISO(International Organization for Standardization), which provides management tools for organizations that provide educational products and services. It helping providers meet student demand and needs. ISO 21001 is based on the ISO 9001-Quality Management System, but provides a specific framework for educational institutions that aim to improve learner satisfaction by improving curriculum and complying with learner requirements.
This standard is applicable to any organization that offers a curriculum for developing knowledge, skills, and attitudes through a variety of teaching methods.

◆Necessity
From kindergarten to university, vocational education and coaching, the world of learning is constantly changing and evolving. ISO 21001, Educational Institutions- Educational Organizations Management System- for Educational Institutions- instructions for Use are intended to address this challenge by defining the requirements of management systems that will help educational providers better meet the needs and expectations of learners and other beneficiaries. Will. Acquiring ISO 21001 certification can prove to stakeholders that we are working to improve our education system, showing greater trust and impact.

◆Expectation effect
- Improve education system
- Improve reputation of educational institutions
- Provide equal opportunity for all students, regardless of religious background, ethnic or cultural origin, gender, ability / disability
- Provide customized learning and effective response to all learners
- Promote excellence and innovation

7 . IATF16949 certification system?

IATF16949 Automotive Industry Quality Management System is a standard for automotive quality management systems that apply to automotive parts supply chains developed by the IATF and the International Organization for Standardization (ISO). IATF 16949 is based on the ISO 9001 (Quality Management System) standard and contains additional system requirements for the automotive industry.

◆Necessity
IATF16949 enables integration of existing certifications such as VDA6.1 and AVSQ with just one certification, so suppliers around the world offer high-quality products with minimal time and cost due to many certification acquisition initiatives and The IATF16949 certification represents the certification of the existing Quality Management System, so that the supplier can be more competitive by avoiding the friction with any future customers the specifications.

◆Expectation effect
- Providing opportunities for product and process quality improvement and securing confidence in international trade
- Redistribution of Supplier's Resources for Quality Improvement
- Access to and maintain consistency of the Quality System of the supply system between the organization and the supplier
- Meeting customer requirements through a single audit of companies dealing in Europe, the United States and Japan in automobile-related industries

SPEC Training Program

Training is available at economical cost through the Employment Insurance Reimbursement Process, which provides up to **90% support.** (Refunds vary by course)

SPEC provides **professional and various training.** Various courses are offered, including Management System training, Certification Auditor Training, Manufacturing industry Training, and HACCP training.

We provide **local training** not only in **Korea but also throughout Vietnam,** including Ho Chi Minh, Hanoi, Bac Chang, Bac Ninh and Hai Phong.

Exemplar Global

SPEC training is with **Exemplar Global,** an International Auditor Registration Agency.

Manufacturing Industry Training

- Quality Management Comprehensive Practice Course
- Understanding FMEA and Practical Application course

Food Safety Training

- HACCP Team Leader Training
- HACCP Team Member Training
- HACCP Manager Training
- HACCP Mandatory Regular Training

Management System Training

- ISO 9001 Internal Auditor Course
- ISO 14001 / ISO 45001 Internal Auditor Course
- ISO System Construction Practice Course
- Coretool theory and practice
- IATF Internal Auditor Course
- IATF 16949 System Construction and Operation Practice Course

Certification Auditor Trainging

- QMS Certification Auditor Training course (ISO 9001)
- EMS Certification Auditor Training course (ISO 14001)
- OHSAS Certification Auditor Training course (ISO 45001)
- ABMS Certification Auditor Training course (ISO 37001)
- EOMS Certification Auditor Training course (ISO 21001)
- ISO Lead Auditor Training course (AU/TL)

Vietnam Local Training

- Management System Seminar for Managers
- IATF Internal Auditor Course
- ISO 9001 / 14001 Internal Auditor Course
- ISO 9001 system promoter practice course
- ISO 14001/ ISO 45001 system promoter practice course (separate training)
- Korea Food Safety Management Standards HACCP Seminar

SPEC 기술사인증원

For information on application, evidence, details, training schedule, etc., please contact the QR code on the bottom right (Go to the education website) or 02-561-9001.

SCAN ME

e-ISO Introduction

SCAN ME

## Your reliable partner in Management System Maintenance! e-ISO Document Management Solution is here!

International standards for management systems are accelerating integration into Annex SL. For an organization, Implementation and effectiveness of the standard are more important than adaption of Management System. In other words, it must be possible to realize economic prosperity, environmental protection and social justice of the organization through the Management System.

The solution provides a methodology to comprehensively manage your documented information and maintain relevant records, reducing the burden of document management for Management System managers. Especially in the case of small and medium-sized companies, when the person in charge changes, many problems of the takeover can be solved. This document management solution was developed by SPEC to establish an innovative management method for documented information on the establishment and operation of ISO management systems in Korea and Vietnam. In connection with various document management solutions that are used internationally, we have integrated the documented information on the ISO —Management System according to the client's situation.

It is extremely difficult to visit your certification organization once a year to operate your Management System effectively. It looks like it's time to review certification body. Choose a certification body that helps me with the effectiveness of your Management System. What do you think of a certification body that supports your management system 365 days a year?

The document management solution was created for clients with a six month development process. It is developed in Korean and Vietnamese, especially for Korean companies operating in Vietnam, it is more valuable in overcoming gaps in language and industrialization. We will continue to develop this solution with meaningful stakeholders in Korea and Vietnam to become a valid tool for maintaining your management system. Thank you.
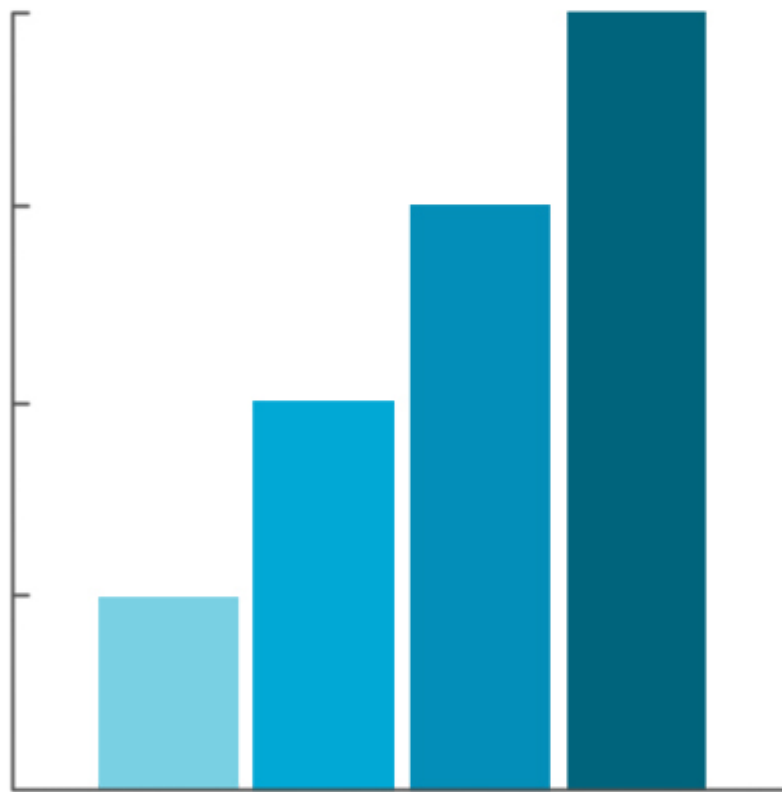
*SPEC customers can get more information as an advanced member.

VNM   KOR   USA

Multilingual documents in Korean, English, and Vietnamese can be provided to take uniformity of documents uniformity of documents

MAINTENANCE

Propose your Management System establishment and maintenance solution through e-ISO

SPEC certification status

KOREA

standard	certifications
✓ ISO 9001	2400
✓ ISO 14001	550
✓ ISO 22000	30
✓ OHSAS 18001	30
✓ ISO 37001	3
✓ IATF 16949	150
✓ ISO 27001	5
✓ ISO 13485	5

Total : about **3200** certification

Overseas branch

standard	certifications
✓ Vietnam	120
✓ Thailand	43
✓ China	15
✓ Philippines	2

Total : about **180** certification

Efficiency

RBT
Risk-Based Thinking

SPEC VISION

Sustainability

Effectiveness

Operation Policy : **"Certificate that gives value to customers through management system certification"**

SPEC certification body establishes, operates and maintains an independent and effective certification system for the certification of international and national management systems, and provides fair and reliable services to all customers. It also continues to cultivate experienced and trained resources to maintain certification services and services and provide useful information to customers.

01
SPEC consider the clients first.

02
SPEC fulfill the social responsibility of certification.

03
SPEC grow with clients.

04
SPEC consider the clients one more time.

★ ★ ★
Operational
MAP
Establishment of a reliable
Certification Body for system
and management product
certification with customers

Member of Multilateral Recognition Arrangement

Korean Agency for Technology and Standards

Korea Testing Laboratory

Korea Auditor Registration

ISO Certification Information Network

Exemplar Global

The Korean Professional Engineers Association

Bureau of Standards, Metrology and Inspection

The Korean Professional Engineers Association

Bureau of Accreditation Vietnam

Korea Occupational Safety & Health Agency

한국산업기술시험원

Korea Accreditation Board

기술사인증원

대만표준검험국

SPEC

한국인정지원센터

안전보건공단

한국기술사회

국가기술표준원

ONLY SPEC!

WHY SPEC?

Differentiation

Providing differentiated
certification service

- Conduct Audit from the standpoint
of customers and stakeholders
- Professional Engineers
participate in the audit team

Professional

Supporting the use of
Professional Engineers as your
management system staff.

- Operated by Professional Engineers
-Professional Engineers in each
industry participate in the audit
-Combine unique knowledge and
skills with management system
- Focus on corporate competitiveness

Reasonable

Focus on improving
competitiveness of companies

- Emphasis on effectiveness and efficiency
- Process Approach
- Risk-Based Thinking (RBT)

Major customers

ISO 9001

HYUNDAI MOBIS
현대모비스

ORION
오리온PDP(주)

SHC
신흥정밀

Kangsan Construction
강산건설(주)

Grand Hilton
(유)동원INC그랜드힐튼호텔

HANYANG ENG
한양이엔지(주)

ISO 14001

SAMSUNG DISPLAY
삼성디스플레이 베트남

RFT
(주)알에프텍

GE Healthcare
한국지이초음파유한회사

Treksta
(주)트렉스타

KR KOREAN REGISTER
(사)한국선급

alti-electronics
알티전자(주)

ISO 45001

KR KOREAN REGISTER
(사)한국선급

MOBASE
(주)모베이스

BANGJOO
방주광학(주)

UNISEM
유니셈(주)

DASCO
동아특수정밀(주)

JUSUNG ENGINEERING
주성엔지니어링(주)

IATF 16949

LG Innotek
LG 이노텍

(주)대경테크노
(주)대경테크노

KODENSHI
광전자(주)

GreenPower
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SPEC

More than certification

Society of Pro. Engineers Certification